

MANGUERAS HOSES CAMLOCK  
CAMLOCK CONEXIONES PVC  
FITTINGS COUPLING HOSES  
MANGUERAS HOSES CAMLOCK  
CAMLOCK CONEXIONES PVC  
FITTINGS ACOPLERES HOSES  
MANGUERAS HOSES CAMLOCK  
CAMLOCK CONEXIONES PVC  
FITTINGS COUPLING HOSES  
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CAMLOCK CONEXIONES PVC  
FITTINGS ACOPLERES HOSES  
MANGUERAS HOSES CAMLOCK  
CAMLOCK CONEXIONES PVC  
FITTINGS COUPLING HOSES  
CAMLOCK CONEXIONES PVC



**INDUSTRIAL PRODUCTS**

El centro de distribución está localizado en Panamá, corazón del continente y nuestra infraestructura está capacitada para suplir eficientemente las demandas de todos los clientes.



The distribution center is strategically located in Panamá, the heart of the continent and our infrastructure is able to efficiently meet the demands of our customers.

**COVALCA**  
LV FLUID CONNECTORS

# NUESTROS MERCADOS

Our Markets



### COMPRESIÓN DE AIRE

Compressed Air

A.1 Servicio General Aire – Agua / *General Service Air-Water*

A.2 Aire-Agua Trabajo Pesado / *Air-Water Heavy Duty*

A.2 PVC Aire-Agua / *Air-Water PVC*

### AGUA Y LÍQUIDOS

Water & Liquids

A.3 Descarga de Agua / *Water Discharge*

A.3 Succión y Descarga de Agua / *Water S & D*

A.4 PVC Descarga de Agua (Lay Flat) / *PVC Discharge Hose (Lay Flat)*

A.5 PVC S y D Multipropósito / *PVC Multipurpose S & D Hose*

A.5 PVC S y D (Motobombas) / *PVC for Pumps*

A.6 PVC para Aplicaciones Agrícolas / *PVC for Agricultural Applications*

A.6 PVC para Piscina / *PVC for Pool Applications*

### MINERÍA

Mining

A.7 Servicio General Aire-Agua-Aceite / *General Service Air-Water-Oil*

A.7 Servicio General Aire-Agua / *General Service Air-Water*

A.8 Aire-Agua Trabajo Pesado / *Heavy Duty General Service Air-Water*

### SOLDADURA

Welding

A.9 Soldadura Oxícorte / *Twin Line (Oxygen/Acetylene)*

### HIDROCARBUROS

Hydrocarbons

A.10 Succión y Descarga de Combustible / *S&D (Tank Truck Hose)*

A.10 Gas LPG / *LPG Gas*

### AGUA CALIENTE Y VAPOR

Hot Water & Steam

A.12 Vapor / Steam Hose

A.12 Succión y Descarga de Agua Caliente /  
Air-Water Heavy Duty

A.13 Radiador / Radiator Hose

A.14 Tubo de Acero Inoxidable / Stainless Steel  
Tube

### ALIMENTOS

Food

A.15 PVC para Succión (FDA) / FDA PVC Suction Hose

A.15 Tubo de PVC FDA y NSF / FDA and NSF PVC Tubing

A.16 PVC Grado Alimenticio / FDA PVC

A.16 PVC para Bebidas / PVC Beverages

### ÁCIDOS Y QUÍMICOS

Acid & Chemicals

A.17 Succión y Descarga de Químicos /  
XLPE Chemicals S & D Hose

A.17 PVC para Fumigación / PVC Spray an  
Fumigation Hose

### MANEJOS DE MATERIALES

Material Handling

A.18 Descarga de Cemento / Cement Discharge Hose

A.18 Concreto Premezclado y Yeso / Concrete & Plaster Hose

A.19 Sand Blasting / Sand Blasting Hose

A.19 PVC para Trabajo Pesado / Heavy Duty PVC

A.20 PVC Aire - Vacío / Air Vacuum PVC

A.20 PVC Aire - Vacío TPU / TPU Air Vacuum PVC

### PROTECTORES PARA MANGUERAS

Hoses Protection

A.21 Espiraleta / Hose Guards

A.21 Mangas para Alta Temperatura / Fire Sleeves

## CAM- LOCKS / ACOPLER INDUSTRIALES

Industrial Couplings / Cam-Locks

- B.1 Acople Rápido Adaptador Macho x Rosca Hembra /  
*Camlock Coupling Male Adapter x Female*
- B.2 Acople Rápido Hembra x Rosca Macho / *Camlock  
Coupling Female x Male Thread*
- B.3 Acople Rápido Hembra x Espiga para Manguera /  
*Camlock Coupling Female x Hose Barb*
- B.4 Acople Rápido Hembra x Rosca Hembra /  
*Camlock Coupling Female x Female Thread*
- B.5 Acople Rápido Adaptador Macho x Espiga para Manguera  
*Camlock Coupling Male Adapter x Hose Barb*
- B.6 Acople Rápido Adaptador Macho x Rosca Macho  
*Camlock Coupling Male Adapter x Male Thread*
- B.7 Acople Rápido Parte DC "Tapa"  
*Camlock Coupling Part DC "Dust Cap"*
- B.8 Acople Rápido Parte DP "Tapón"  
*Camlock Coupling Part DP "Dust Plug"*
- B.8 Empacadura  
*Camlock Gasket*

## ACCESORIOS / NIPLES

Accessories / Nipples

- B.9 Parte HB / Bronce / *HB Part / Brass*
- B.9 Parte HBS / Acero Inoxidable / *HBS Part / Stainless Steel*
- B.9 PL-SET / Conexiones para Mangueras de S & D /  
*S&D Hose Couplings*

## NIPLES

Nipples

- B.10 Niples Combinados / *Combination Nipples*
- B.10 Unión para Mangueras / *Steel Hose Union*
- B.10 Reducción Acople Hembra / Espiga para Manguera  
*Reduction Female Coupler / Hose Barb*

## CONEXIONES TIPO BOSS

Ground Join Seal

- B.11 Conexión Hembra / *Female Fitting*
- B.11 Conexión Macho / *Male Fitting*
- B.11 Abrazadera / *Hose Clamp*

## CONEXIONES TIPO CHICAGO

Claw Couplings

- B.12 Espiga para Compresores / *Compressor Hose Barb*
- B.12 Hembra para Compresores / *Compressor Female Coupling*
- B.12 Macho para Compresores / *Compressor Male Coupling*
- B.13 Conexión 3 Vías / *Compressor Coupling ( 3 Ways)*
- B.13 Anillo de Goma / *Rubber Ring*
- B.14 Ferrul / *Ferrule*
- B.14 Argolla / *Sleeves*

## CONEX. PARA MANGUERAS SANDBLASTING

SandBlast Couplings

- B.13 Conexión para Manguera de Chorro de Arena /  
*Sandblast Hose Coupling*
- B.14 Conex. para Manguera de Chorro de Arena (Terminal)  
*Sandblast Hose Coupling (Terminal)*

**INDICE**  
General Index

# INDICE VISUAL

## Visual Index

### Mangueras Industriales

#### INDUSTRIAL HOSES

A.1



SERVICIO GENERAL AIRE - AGUA  
GENERAL SERVICE AIR - WATER H02092

A.1



SERVICIO GENERAL AIRE - AGUA  
GENERAL SERVICE AIR - WATER H02093

A.2



SERVICIO GENERAL AIRE-AGUA TRAB. PESADO  
GENERAL SERVICE AIR - WATER HEAVY DUTY H02309

A.2



PVC AIRE-AGUA  
AIR - WATER PVC H02390

A.3



DESCARGA DE AGUA  
WATER DISCHARGE H02306

A.3



SUCCIÓN Y DESCARGA DE AGUA  
WATER SUCTION AND DISCHARGE H02392

A.4



PVC PARA DESCARGA DE AGUA - LAY FLAT  
PVC DISCHARGE HOSE LAY FLAT H02541

A.4



DESCARGA DE AGUA - LAY FLAT  
DISCHARGE HOSE LAY FLAT H02543

A.5



PVC PARA SUCCIÓN Y DES. MULTIPROPÓSITO  
PVC MULTIPURPOSE S&D HOSE H02561

A.5



PVC PARA MOTOBOMBAS  
PVC FOR PUMPS H02575

A.6



PVC PARA APLICACIONES AGRICOLA  
PVC FOR AGRICULTURAL APPLICATIONS H02587

A.6



PVC PARA PISCINA  
PVC FOR POOL APPLICATIONS H02595

A.7



SERVICIO GE. AIRE-AGUA-ACEITE MINERÍA  
MINING GENERAL SERVICE AIR-WATER-OIL H02307

A.7



SERVICIO GENERAL AIRE-AGUA MINERÍA  
MINING GENERAL SERVICE AIR-WATER H02308

A.8



SERVICIO GENERAL AIRE-AGUA TRAB. PESADO  
HEAVY DUTY GENERAL SERVICE AIR-WATER H02310

A.8



SERVICIO GENERAL AIRE-AGUA TRAB. PESADO  
HEAVY DUTY GENERAL SERVICE AIR-WATER H02311

A.9



SOLDADURA (OXICORTE)  
TWIN LINE WELDING (OXYGEN/ACETYLENE) H02126

A.10



SUCCIÓN Y DESCARGA DE COMBUSTIBLE  
FUEL SUCTION & DISCHARGE (TANK TRUCK HOSE) H02216

# INDICE VISUAL

## Visual Index

### Mangueras Industriales

#### INDUSTRIAL HOSES



MANGUERA PARA GAS LPG  
LPG GAS HOSE H02132



MANGUERA PARA GAS LPG  
LPG GAS HOSE H02133



MANGUERA PARA VAPOR  
STEAM HOSE H02264



SUCCIÓN Y DESCARGA DE AGUA CALIENTE  
HOT WATER SUCTION & DISCHARGE H02188



MANGUERA PARA RADIADOR  
RADIATOR HOSE H02410



TUBO DE ACERO INOXIDABLE 321 CON  
MALLA DE ACERO INOXIDABLE 304 H02211  
321 STAINLESS STEEL TUBE WITH STAINLESS  
STEEL MESH 304



PVC PARA SUCCIÓN FDA  
FDA PVC SUCTION HOSE H02570



TUBO DE PVC -FDA Y NSF  
FDA PVC SUCTION HOSE H02558



PVC GRADO ALIMENTICIO  
FDA PVC H02581



PVC PARA BEBIDAS  
PVC BEVERAGES H02582



SUCCIÓN Y DESCARGA DE QUÍMICOS  
XLPE CHEMICAL SUCTION HOSE H02276



MANGUERA PARA FUMIGACIÓN  
PVC SPRAY AIR AND FUMIGATION HOSE H02533



PARA DESCARGA DE CEMENTO  
CEMENT DISCHARGE HOSE H02218



PARA BOMBAS DE CONCRETO PREMEZCLADO Y YESO  
CONCRETE PUMP AND PLASTER HOSE H02235



MANGUERA SAND BLASTING  
SAND BLASTING HOSE H02244



PVC PARA TRABAJO PESADO  
HEAVY DUTY PVC H02564



PVC AIRE-VACÍO  
AIR-VACUUM PVC H02590



PVC AIRE-VACÍO TPU  
TPU AIR-VACUUM PVC H02591



PROTECTORES TIPO ESPIRALETO  
HOSE GUARDS H02598



MANGAS RESISTENTES A ALTAS TEMPERATURAS  
FIRE SLEEVES TD H02444





## MANGUERAS HOSES

H02092 / Servicio General Aire - Agua  
*General Service Air-Water* ..... A.1

H02093 / Servicio General Aire - Agua  
*General Service Air-Water* ..... A.1

H02309 / Aire - Agua Trabajo Pesado  
*Air - Water Heavy Duty* ..... A.2

H02390 / PVC Aire - Agua  
*Air - Water PVC* ..... A.2

# COMPRESIÓN DE AIRE

## Compressed Air



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Compresión de Aire COMPRESSED AIR HOSE

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética SBR, **Refuerzo:** Mallas textiles de poliéster, **Cubierta:** Mezcla de goma sintética EPDM / SBR. Lisa y de color rojo, **Aplicación:** Compresión de aire y aplicaciones generales en Industrias. **Rango de Temperatura:** -20°C+70°C.

### CONSTRUCTION

**Inner Tube:** SBR blended, **Reinforcement:** High tensile polyester cords, **Cover:** EPDM / SBR blended, smooth, red, **Application:** Compressed air and general industrial applications, **Temperature Range:** -20°C+70°C.



SERVICIO GENERAL AIRE - AGUA  
General Service Air - Water H02092

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02092-250	1/4"	3	14.0	0.55	20	300	60	900	40	1.57	150.00	492.13
H02092-313	5/16"	6	15.9	0.62	20	300	60	900	50	1.97	150.00	492.13
H02092-380	3/8"	8	17.5	0.68	20	300	60	900	55	2.17	150.00	492.13
H02092-500	1/2"	10	22.2	0.87	20	300	60	900	70	2.76	100.00	328.08
H02092-625	5/8"	12	27.0	1.06	20	300	60	900	85	3.35	100.00	328.08
H02092-750	3/4"	16	29.4	1.16	20	300	60	900	95	3.74	100.00	328.08
H02092-1000	1"	19	36.5	1.44	20	300	60	900	125	4.92	100.00	328.08
H02092-1250	1.1/4"	25	44.0	1.73	20	300	60	900	150	5.91	100.00	328.08
H02092-1500	1.1/2"	31	54.0	2.13	20	300	60	900	185	7.28	100.00	328.08
H02092-2000	2"	38	66.0	2.60	20	300	60	900	290	11.42	100.00	328.08

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética SBR, **Refuerzo:** Mallas textiles de poliéster, **Cubierta:** Mezcla de goma sintética EPDM / SBR. Lisa y de color negro, **Aplicación:** Compresión de aire y aplicaciones generales en Industrias. **Rango de Temperatura:** -20°C+70°C.

### CONSTRUCTION

**Inner Tube:** SBR blended, **Reinforcement:** High tensile polyester cords, **Cover:** EPDM / SBR Blended, smooth, black, **Application:** Compressed air and general industrial applications, **Temperature Range:** -20°C+70°C.



SERVICIO GENERAL AIRE - AGUA  
General Service Air - Water H02093

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max.Trab. Working Pressure		Presión Min.Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02093-250	1/4"	3	14.0	0.55	20	300	60	900	40	1.57	150.00	492.13
H02093-313	5/16"	6	15.9	0.63	20	300	60	900	50	1.97	150.00	492.13
H02093-380	3/8"	8	17.5	0.69	20	300	60	900	55	2.17	150.00	492.13
H02093-500	1/2"	10	22.2	0.87	20	300	60	900	70	2.76	100.00	328.08
H02093-630	5/8"	12	27.0	1.06	20	300	60	900	85	3.35	100.00	328.08
H02093-750	3/4"	16	29.4	1.16	20	300	60	900	95	3.74	100.00	328.08
H02093-1000	1"	19	36.5	1.44	20	300	60	900	125	4.92	100.00	328.08
H02093-1250	1.1/4"	25	44.0	1.73	20	300	60	900	150	5.91	60.00	196.85
H02093-1500	1.1/2"	31	54.0	2.13	20	300	60	900	185	7.28	60.00	196.85
H02093-2000	2"	38	66.0	2.60	20	300	60	900	290	11.42	60.00	196.85



## Manguera para Compresión de Aire COMPRESSED AIR HOSE

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Mallas textiles, **Cubierta:** Mezcla de goma sintética EPDM / SBR. **Aplicación:** Compresión de aire para aplicaciones de trabajo pesado, **Rango de Temperatura:** -25°C + 70°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/ SBR blended rubber, **Reinforcement:** High tensile textile cords, **Cover:** EPDM /SBR blended, smooth, red, **Application:** Compressed air for heavy duty applications, **Temperature Range:** -25°C + 70°C



S.GENERAL AIRE - AGUA TRABAJO PESADO  
General Service Air - Water Heavy Duty H02309

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02309-1250	1.1/4"	25	44.0	1.73	20	300	60	900	350	13.78	40.00	131.23
H02309-1500	1.1/2"	31	54.0	2.13	20	300	60	900	420	16.54	40.00	131.23
H02309-2000	2"	38	66.0	2.60	20	300	60	900	610	24.01	40.00	131.23

### CONSTRUCCIÓN

**Tubo Interno:** PVC negro **Refuerzo:** Mallas textiles, **Cubierta:** PVC Azul  
**Aplicación:** Compresión de aire y aplicaciones generales en industrias. Buena flexibilidad a bajas temperaturas de trabajo, **Rango de Temperatura:** -5°C + 65°C.

### CONSTRUCTION

**Inner Tube:** Black PVC, **Reinforcement:** High tensile textile cords, **Cover:** Blue PVC  
**Application:** Compressed air and general industrial applications. Good flexibility at low temperature, **Temperature Range:** -5°C + 65°C



PVC AIRE-AGUA  
Air - Water PVC H02390

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Diámetro Externo Hose O.D.		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02390-04	1/4"	6.5	12.0	0.47	20	300	60	900	33	0.13	100.00	328.08
*H02390-04R	1/4"	6.5	12.0	0.47	20	300	60	900	33	0.13	100.00	328.08
H02390-05	5/16"	8.5	14.0	0.55	20	300	60	900	43	0.17	100.00	328.08
H02390-06	3/8"	10.0	16.0	0.63	20	300	60	900	50	0.20	100.00	328.08
*H02390-06R	3/8"	10.0	16.0	0.63	20	300	60	900	50	0.20	100.00	328.08
H02390-08	1/2"	13.0	20.0	0.79	20	300	60	900	65	0.26	100.00	328.08
*H02390-08R	1/2"	13.0	20.0	0.79	20	300	60	900	65	0.26	100.00	328.08
H02390-10	5/8"	16.0	25.0	0.98	20	300	60	900	80	0.31	100.00	328.08
H02390-12	3/4"	19.0	28.5	1.12	20	300	60	900	95	0.37	50.00	164.04
H02390-16	1"	25.0	34.5	1.36	20	300	60	900	125	0.49	50.00	164.04
H02390-24	1.1/2"	38.0	50.0	1.97	20	300	60	900	190	0.75	50.00	164.04
H02390-32	2"	50.0	64.0	2.52	20	300	60	900	250	0.98	50.00	164.04

\* Cubierta de Color Rojo / Red Cover



## MANGUERAS HOSES

H02306 / Descarga de Agua  
*Water Discharge* ..... A.3

H02392 / Succión y Descarga de Agua  
*Water S & D* ..... A.3

H02541 / PVC Descarga de Agua (Lay Flat)  
*PVC Discharge Hose (Lay Flat)*..... A.4

H02543 / PVC Descarga de Agua (Lay Flat)  
*PVC Discharge Hose (Lay Flat)*..... A.4

H02561 / PVC S y D Multipropósito  
*PVC Multipurpose S & D Hose* ..... A.5

H02575 / PVC (Motobombas)  
*PVC for Pumps* ..... A.5

H02587 / PVC para Aplicaciones Agrícolas  
*PVC for Agricultural Applications* ..... A.6

H02595 / PVC para Piscina  
*PVC for Pool Applications* ..... A.6

# AGUA Y LÍQUIDOS

## Water & Liquids



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Agua y Líquidos WATER & LIQUIDS HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Mallas textiles,  
**Cubierta:** Mezcla de goma sintética EPDM / SBR.  
**Aplicación:** Trasegado de fluidos, aire, agua, **Rango de Temperatura:** -4°C + 70°C.

### CONSTRUCTION

**Inner Tube:** Synthetic NR/ SBR blended rubber **Reinforcement:** High tensile textile cords  
**Cover:** Synthetic EPDM/ SBR blended rubber, **Application:** Air and water delivery  
**Temperature Range:** -4°C + 70°C.



DESCARGA DE AGUA  
Water Discharge H02306

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02306-1500	1.1/2"	38.1	48.0	1.89	10	150	30	450	195	7.68	30.00	98.43
H02306-2000	2"	50.8	62	2.44	10	150	30	450	280	11.02	30.00	98.43
H02306-3000	3"	76.2	88	3.46	10	150	30	450	410	16.14	30.00	98.43
H02306-4000	4"	101.6	114	4.49	10	150	30	450	540	21.26	30.00	98.43
H02306-6000	6"	152.4	165	6.50	10	150	30	450	950	37.4	30.00	98.43
H02306-8000	8"	203.2	219	8.62	10	150	30	450	1480	58.27	10.00	32.81
H02306-10000*	10"	254.0	272	10.00	5	90	15	225	1840	72.44	10.00	32.81
H02306-12000*	12"	304.8	323	12.00	5	90	15	225	2515	99.02	10.00	32.81
H02306-16000*	16"	406.4	423	16.65	5	90	15	225	3730	146.85	10.00	32.81

\* Disponible solo bajo pedido  
Under order

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Mallas textiles con alambre de acero en espiral, **Cubierta:** Mezcla de goma sintética EPDM/SBR  
**Aplicación:** Succión y descarga de agua en aplicaciones generales de industria y agrícolas  
**Rango de Temperatura:** -4°C + 70°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/ SBR blended rubber, **Reinforcement:** High tensile textile cords with one helix wire, **Cover:** Synthetic EPDM/ SBR blended rubber,  
**Application:** Water suction and delivery in general industrial and agricultural applications,  
**Temperature Range:** -4°C + 70°C



SUCCIÓN Y DESCARGA DE AGUA  
Water Suction and Discharge H02392

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Succión Vacuum Rating		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	bar	InHg	mm	in	mts	fts
H02392-2000	2"	50.8	63.0	2.48	10	150	30	450	0.9	27	230	9.06	40.00	131.23
H02392-3000	3"	76.2	90.0	3.54	10	150	30	450	0.9	27	330	12.99	40.00	131.23
H02392-4000	4"	101.6	118.0	4.65	10	150	30	450	0.9	27	440	17.32	40.00	131.23
H02392-6000	6"	152.4	171.0	6.73	10	150	30	450	0.9	27	810	31.89	30.00	98.43
H02392-8000*	8"	203.2	223.0	8.78	10	150	30	450	0.9	27	1280	50.39	30.00	98.43
H02392-10000*	10"	254.0	278.0	10.94	10	150	30	450	0.9	27	--	--	10.00	32.81
H02392-12000*	12"	304.8	328.0	12.91	10	150	30	450	0.9	27	--	--	10.00	32.81

\* Disponible solo bajo pedido  
Under order



## Manguera para Agua y Líquidos WATER & LIQUIDS HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** PVC color azul, **Refuerzo:** Mallas textiles, **Cubierta:** PVC color azul  
**Aplicación:** Descarga de agua en aplicaciones de construcción y agricultura  
**Rango de Temperatura:** -23°C + 77°C

### CONSTRUCTION

**Inner Tube:** Blue PVC **Reinforcement:** High tensile textile cords, **Cover:** Blue PVC,  
**Application:** Water discharge in construction agriculture,  
**Temperature Range:** -23°C + 77°C.



PVC PARA DESCARGA DE AGUA- LAY FLAT  
PVC Discharge Hose-Lay Flat H02541

Código Code	Diámetro Interno Hose I.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	bar	psi	bar	psi	mm	in	mts	fts
H02541-1000	1"	25.0	4	58	12	174	125	4.92	50	164.04
H02541-1500	1.1/2"	38.0	4	58	12	174	190	7.48	50	164.04
H02541-2000	2"	50.0	4	58	12	174	255	10.04	50	164.04
H02541-3000	3"	76.0	4	58	12	174	380	14.96	50	164.04
H02541-4000	4"	101.6	4	58	12	174	510	20.08	50	164.04
H02541-6000	6"	152.4	4	58	12	174	750	29.53	50	164.04
H02541-8000	8"	203.2	4	58	12	174	1010	39.76	50	164.04

### CONSTRUCCIÓN

**Tubo Interno:** 30% PVC, 70% Nitrilo, **Refuerzo:** Mallas textiles, **Cubierta:** PVC color amarillo, **Aplicación:** Lavado industrial, riego, desagüe general, descarga de la bomba y drenaje, **Rango de Temperatura:** -25°C + 80°C

### CONSTRUCTION

**Inner Tube:** 30% PVC, 70% Nitrile, **Reinforcement:** High tensile textile cords  
**Cover:** Yellow PVC, **Application:** Industrial washdown, irrigation, general dewatering, pump discharge and drainage, **Temperature Range:** -25°C + 80°C



DESCARGA DE AGUA- LAY FLAT  
Discharge Hose-Lay Flat H02543

Código Code	Diámetro Interno Hose I.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Rollo Roll	
	in	mm	bar	psi	bar	psi	mts	fts
H02543-1500	1.1/2"	38.0	21.0	300	62.05	900	50	164.04
H02543-2000	2"	52.0	21.0	300	62.05	900	50	164.04
H02543-3000	3"	76.0	17.0	250	51.71	750	50	164.04
H02543-4000	4"	102.0	14.0	200	41.37	600	50	164.04
H02543-6000	6"	152.0	10.0	150	31.03	450	50	164.04
H02543-8000	8"	200.0	10.0	150	31.03	450	50	164.04
H02543-10000	10"	250.0	10.0	150	31.03	450	50	164.04



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Agua y Líquidos WATER & LIQUIDS HOSES

### CONSTRUCCIÓN

**Tubo Interno:** PVC verde resistente a la abrasión y al ozono, **Refuerzo:** PVC rígido color blanco, **Cubierta:** PVC corrugado color verde, **Aplicación:** Succión y descarga por gravedad de agua, agua salada y agua aceitosa en aplicaciones de construcción, agricultura y minería, **Rango de Temperatura:** -5°C + 65°C

### CONSTRUCTION

**Inner Tube:** Green transparent PVC-abrasion and ozone resistant, **Reinforcement:** White shock resistant rigid PVC, **Cover:** Green transparent PVC-abrasion and ozone resistant, **Application:** Suction, discharge or gravity flow of water, salt water and oily water in construction, agriculture and mining, **Temperature Range:** -5°C + 65°C.



PVC PARA SUCCIÓN Y DESCARGA MULTIPROPÓSITO  
PVC Multipurpose S&D hose H02561

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02561-1000	1"	25.0	32.0	1.3	8	116	24	348	125	4.92	0.81	24	100	328.08
H02561-1250	1.1/4"	32.0	40.0	1.6	8	116	24	348	160	6.3	0.81	24	100	328.08
H02561-1500	1.1/2"	38.0	46.0	1.8	8	116	24	348	190	7.48	0.81	24	100	328.08
H02561-2000	2"	51.0	60.0	2.4	7	102	21	306	255	10.04	0.81	24	100	328.08
H02561-2500	2.1/2"	64.0	73.0	2.9	6	90	18	270	320	12.6	0.81	24	100	328.08
H02561-3000	3"	76.0	86.0	3.4	5	73	15	219	380	14.96	0.85	25	100	328.08
H02561-4000	4"	102.0	113.0	4.5	5	73	15	219	510	20.08	0.85	25	100	328.08
H02561-6000	6"	152.0	166.0	6.54	4	58	12	174	760	29.92	0.85	25	100	328.08

### CONSTRUCCIÓN

**Tubo Interno:** Copolimero termoplástico color verde, **Refuerzo:** Copolimero termoplástico color verde, **Cubierta:** Copolimero termoplástico color verde, **Aplicación:** Succión de agua con motobombas portátiles, **Rango de Temperatura:** -5°C + 50°C

### CONSTRUCTION

**Inner Tube:** Thermoplastic copolymer, **Reinforcement:** Thermoplastic copolymer, **Cover:** Thermoplastic copolymer, **Application:** Water suction with portable pumps, **Temperature Range:** -5°C + 50°C.



PVC PARA MOTOBOMBAS  
PVC for Pumps H02575

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02575-1250	1.1/4"	31.8	40.6	1.60	1.02	14.79	3.1	44.37	60	2.36	50	164.04
H02575-1500	1.1/2"	38.1	47.5	1.87	1.02	14.79	3.1	44.37	95	3.74	50	164.04
H02575-2000	2"	50.8	62.0	2.44	1.02	14.79	3.1	44.37	120	4.72	50	164.04
H02575-3000	3"	76.2	90.6	3.57	1.02	14.79	3.1	44.37	240	9.45	50	164.04



## Manguera para Agua y Líquidos WATER & LIQUIDS HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** PVC color Verde, **Refuerzo:** PVC espiralado, **Cubierta:** PVC color Verde

**Aplicación:** Succión y descarga de agua con motobombas, en líneas de descarga o refrigeración de maquinarias, **Rango de Temperatura:** -5°C + 65 °C

### CONSTRUCTION

**Inner Tube:** Green PVC, **Reinforcement:** PVC Helix, **Cover:** Green PVC

**Application:** Suction and discharge of water with motor pumps, in discharge or refrigeration machineries lines, **Temperature Range:** -5°C + 65 °C



PVC PARA APLICACIONES AGRÍCOLAS  
PVC for agricultural applications **H02587**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02587-1250	1.1/4"	32.0	38.0	1.50	8.00	116	24.0	348	160	6.3	0.81	24	30.48	100
H02587-1500	1.1/2"	38.0	45.0	1.77	8.00	116	24.0	348	190	7.48	0.81	24	30.48	100
H02587-2000	2"	51.0	58.0	2.28	7.00	102	21.0	306	255	10.04	0.85	24	30.48	100
H02587-3000	3"	76.0	84.0	3.31	5.00	73	15.0	219	380	14.96	0.85	25	30.48	100
H02587-4000	4"	102	110.0	4.33	5.00	73	15.0	219	510	20.08	0.85	25	30.48	100

### CONSTRUCCIÓN

**Tubo Interno:** Copolímero termoplástico, **Refuerzo:** Copolímero termoplástico

color negro-azul, **Cubierta:** Copolímero termoplástico color negro-azul

**Aplicación:** Aspiración y limpieza de piscinas, **Rango de Temperatura:** 5°C + 50°C

### CONSTRUCTION

**Inner Tube:** Thermoplastic copolymer, **Reinforcement:** Blue-black thermoplastic

copolymer, **Cover:** Blue-black thermoplastic copolymer,

**Application:** Vacuum and cleaning pools, **Temperature Range:** 5°C + 50°C



PVC PARA PISCINA  
PVC for pool Applications **H02595**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max.Trab. Working Pressure		Presión Min.Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02595-1500	1.1/2"	38.1	47.00	1.85	0.91	13.20	2.73	47.79	120.00	4.72	50	164.04





## MANGUERAS HOSES

H02307 / Serv. General Aire - Agua - Aceite  
*General Service Air - Water - Oil* ..... A.7

H02308 / Serv. General Aire - Agua  
*General Service Air - Water* ..... A.7

H02310 / Aire - Agua - Trabajo Pesado  
*Heavy Duty General Service Air - Water* ..... A.8

H02311 / Aire - Agua - Trabajo Pesado  
*Heavy Duty General Service Air - Water* ..... A.8

# MINERÍA

## Mining



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Minería MINING HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética resistente al aceite Nitrilo-Butadieno  
**Refuerzo:** Mallas textiles, **Cubierta:** Mezcla de goma sintética resistente al aceite y al ozono, **Aplicación:** Aire, Agua y fluidos hidráulicos a base de petróleo y agua,  
**Rango de Temperatura:** -40°C + 100°C

### CONSTRUCTION

**Inner Tube:** Oil resistant synthetic nitrile-butadiene rubber, **Reinforcement:** High tensile textile cords, **Cover:** Oil and weather resistant synthetic rubber,  
**Application:** Petroleum and water base hydraulic fluids, air and water,  
**Temperature Range:** -40°C + 100°C



SERVICIO GENERAL AIRE-AGUA-ACEITE MINERÍA  
Mining General Service Air-Water-Oil **H02307**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02307-250	1/4"	6.5	15.5	0.6	34.5	500	104	1500	70	2.76	50.00	164.04
H02307-380	3/8"	9.8	18.5	0.7	34.5	500	104	1500	80	3.15	50.00	164.04
H02307-500	1/2"	12.8	22.0	0.9	34.5	500	104	1500	110	4.33	50.00	164.04
H02307-630	5/8"	16.0	26.0	1.0	34.5	500	104	1500	130	5.12	50.00	164.04
H02307-750	3/4"	19.1	29.5	1.2	34.5	500	104	1500	170	6.69	50.00	164.04
H02307-1000	1"	25.4	36.5	1.4	34.5	500	104	1500	250	9.84	50.00	164.04
H02307-1250	1.1/4"	31.8	44.0	1.7	34.5	500	104	1500	265	10.43	40.00	131.23
H02307-1500	1.1/2"	38.1	50.0	2.0	34.5	500	104	1500	335	13.19	40.00	131.23
H02307-2000	2"	51.0	66.0	2.6	34.5	500	104	1500	610	24.02	40.00	131.23

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Mallas textiles  
**Cubierta:** Mezcla de goma sintética resistente al ozono, **Aplicación:** Aire comprimido para aplicaciones de trabajo pesado en minería, construcción e industrias  
**Rango de Temperatura:** -25°C + 70°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/SBR blended rubber, **Reinforcement:** High tensile textile cords  
**Cover:** Weather resistant synthetic rubber, **Application:** Compressed air designed for heavy duty mining, industrial and construction applications  
**Temperature Range:** -25°C + 70°C



SERVICIO GENERAL AIRE-AGUA MINERÍA  
Mining General Service Air-Water **H02308**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02308-500	1/2"	12.7	22.0	0.9	20	300	80	1160	140	5.51	50.00	164.04
H02308-750	3/4"	19.1	29.0	1.1	20	300	80	1160	210	8.27	50.00	164.04
H02308-1000	1"	25.5	35.5	1.4	20	300	80	1160	280	11.02	50.00	164.04
H02308-1250	1.1/4"	32.0	46.0	1.8	20	300	80	1160	350	13.78	40.00	131.23
H02308-1500	1.1/2"	38.0	53.0	2.1	20	300	80	1160	420	16.54	40.00	131.23
H02308-2000	2"	51.0	66.0	2.6	20	300	80	1160	610	24.02	40.00	131.23
H02308-3000	3"	76.0	93.0	3.7	20	300	80	1160	950	37.40	20.00	65.62
H02308-4000	4"	102.0	120.0	4.7	15	218	45	653	1200	47.24	20.00	65.62



## Manguera para Minería MINING HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Dos mallas de acero trenzadas, **Cubierta:** Mezcla de goma sintética resistente al ozono  
**Aplicación:** Aire comprimido a altas presiones para aplicaciones de trabajo pesado, donde se requiera una larga durabilidad, **Rango de Temperatura:** -40°C + 80°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/SBR blended rubber, **Reinforcement:** Two layers of steel wire braided, **Cover:** Weather resistant synthetic rubber, **Application:** High pressure compressed air and water heavy duty applications, where long service life is required, **Temperature Range:** -40°C + 80°C



SERVICIO GENERAL AIRE-AGUA TRABAJO PESADO  
Heavy Duty General Service Air-Water **H02310**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02310-500	1/2"	12.7	23.1	0.9	41	600	123	1800	140	5.51	50.00	164.04
H02310-750	3/4"	19.1	31.0	1.2	41	600	123	1800	210	8.27	50.00	164.04
H02310-1000	1"	25.4	37.9	1.5	41	600	123	1800	280	11.02	50.00	164.04
H02310-1250	1.1/4"	31.8	46.0	1.8	41	600	123	1800	350	13.78	40.00	131.23
H02310-1500	1.1/2"	38.1	51.8	2.0	41	600	123	1800	420	16.54	40.00	131.23
H02310-2000	2"	50.8	66.0	2.6	41	600	123	1800	560	22.05	40.00	131.23
H02310-2500	2.1/2"	63.5	80.0	3.1	41	600	123	1800	700	27.56	40.00	131.23
H02310-3000	3"	76.0	94.0	3.7	41	600	123	1800	840	33.07	20.00	65.62

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/SBR, **Refuerzo:** Dos mallas de acero trenzadas, **Cubierta:** Mezcla de goma sintética resistente al ozono  
**Aplicación:** Aire comprimido a altas presiones para aplicaciones de trabajo pesado, donde se requiera una larga durabilidad y máxima seguridad de trabajo  
**Rango de Temperatura:** -40°C + 80°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/SBR blended rubber, **Reinforcement:** Two layers of steel wire braided, **Cover:** Weather resistant synthetic rubber, **Application:** High pressure compressed air and water heavy duty applications, where long service life and maximum safety is required, **Temperature Range:** -40°C + 80°C



SERVICIO GENERAL AIRE-AGUA TRABAJO PESADO  
Heavy Duty General Service Air-Water **H02311**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02311-500	1/2"	12.8	23.1	0.9	69	1000	207	3000	140	5.51	50.00	164.04
H02311-750	3/4"	19.1	31.0	1.2	69	1000	207	3000	210	8.27	50.00	164.04
H02311-1000	1"	25.4	37.9	1.5	69	1000	207	3000	280	11.02	50.00	164.04
H02311-1250	1.1/4"	31.8	46.0	1.8	69	1000	207	3000	355	13.98	40.00	131.23
H02311-1500	1.1/2"	38.1	51.8	2.0	69	1000	207	3000	450	17.72	40.00	131.23
H02311-2000	2"	50.8	66.0	2.6	69	1000	207	3000	560	22.05	40.00	131.23



**MANGUERA  
HOSE**

H02126 / Soldadura Oxicorte  
*Twin Line Welding (Oxygen / Acetilene)*..... **A.9**

**SOLDADURA  
Welding**



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Soldadura WELDING HOSE

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética SBR, **Refuerzo:** Múltiples mallas textiles

**Cubierta:** Mezcla de goma sintética SBR/EPDM

**Aplicación:** Especial para equipos de oxicorte, **Rango de Temperatura:** -25°C + 75°C

### CONSTRUCTION

**Inner Tube:** Synthetic SBR blended rubber, **Reinforcement:** High tensile textile cords

**Cover:** Synthetic EPDM/SBR blended rubber

**Application:** Recommended for use on Oxi-Acetylene welding equipment

**Temperature Range:** -25°C + 75°C



SOLDADURA (OXICORTE) H02126  
Twin Line Welding (Oxygen/Acetylene)

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mts	fts
H02126-04	1/4"	6.4	13.0	0.47	20	300	60	900	100.00	328.08



## MANGUERAS HOSES

H02216 / Succión y Descarga de Combustible  
*Fuel S & D (Tank Truck Hose)* ..... A.10

H02132 / Gas LPG  
*LPG Gas* ..... A.10

H02133 / Gas LPG (Amarilla)  
*Yellow LPG Gas* ..... A.11

# HIDROCARBUROS

## Hydrocarbons



## Manguera para Hidrocarburos HYDROCARBONS HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** NBR conductivo color negro, **Refuerzo:** Mallas Textiles con alambre de acero en espiral, **Cubierta:** Mezcla de goma sintética CR/NBR

**Aplicación:** Succión y descarga de gasolina. Especialmente diseñada para el trasegado de combustible y otras aplicaciones industriales, **Rango de Temperatura:** -29°C + 71°C

### CONSTRUCTION

**Inner Tube:** Black conductive NBR, **Reinforcement:** High tensile textile cords with one helix wire, **Cover:** Synthetic CR/NBR blended rubber,

**Application:** Fuel and oil suction and delivery. Specially designed for tank truck and general industrial applications, **Temperature Range:** -29°C + 71°C



SUCCIÓN Y DESCARGA DE COMBUSTIBLE  
Fuel Suction & Discharge (Tank Truck Hose) **H02216**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Rup. Burst Pressure		Succión Vacuum Rating		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	bar	InHg	mm	in	mts	fts
H02216-750	3/4"	19.1	29.0	1.14	10	150	30	450	0.9	27	85	3.35	40.00	131.23
H02216-1000	1"	25.0	35.0	1.38	10	150	30	450	0.9	27	105	4.13	40.00	131.23
H02216-1250	1.1/4"	31.8	42.0	1.65	10	150	30	450	0.9	27	130	5.12	40.00	131.23
H02216-1500	1.1/2"	38.0	49.8	1.89	10	150	30	450	0.9	27	155	6.1	40.00	131.23
H02216-2000	2"	50.0	63.8	2.48	10	150	30	450	0.9	27	230	9.06	40.00	131.23
H02216-2500	2.1/2"	63.5	76.9	3.03	10	150	30	450	0.9	27	280	11.02	40.00	131.23
H02216-3000	3"	76.0	90.2	3.54	10	150	30	450	0.9	27	335	13.19	40.00	131.23
H02216-4000	4"	101.6	117.5	4.65	10	150	30	450	0.9	27	440	17.32	40.00	131.23
H02216-6000	6"	152.4	170.0	6.69	10	150	30	450	0.9	27	805	31.69	30.00	98.43
H02216-8000	8"	203.2	224.0	8.82	10	150	30	450	0.9	27	1280	50.39	10.00	32.81

### CONSTRUCCIÓN

**Tubo Interno:** NBR color negro, **Refuerzo:** Múltiples mallas textiles, **Cubierta:** Mezcla de goma sintética EPDM/NBR color negro perforada,

**Aplicación:** Paso de LPG en diferentes aplicaciones: parrilleras, cocinas, calentadores, etc. **Rango de Temperatura:** -40°C + 70°C

### CONSTRUCTION

**Inner Tube:** Black NBR Blended, **Reinforcement:** High tensile textile cords

**Cover:** Black Synthetic EPDM/NBR blended rubber. Pinpricking,

**Application:** LPG delivery in different applications: bobtail, grills, cookers and heaters, **Temperature Range:** -40°C + 70°C



MANGUERA PARA LPG  
LPG Gas Hose **H02132**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02132-380	3/8"	10.0	19.0	0.75	24.13	350	72.39	1050	55	2.17	150	492.13
H02132-500	1/2"	13.0	23.8	0.94	24.13	350	72.39	1050	75	2.95	100	328.08
H02132-750	3/4"	19.0	31.8	1.25	24.13	350	72.39	1050	100	3.94	100	328.08
H02132-1000	1"	25.0	38.1	1.5	24.13	350	72.39	1050	160	6.3	100	328.08
H02132-2000	2"	50.0	67.0	2.64	24.13	350	72.39	1050	295	11.61	30	98.43



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Hidrocarburos HYDROCARBONS HOSES

### CONSTRUCCIÓN

**Tubo Interno:** NBR color negro, **Refuerzo:** Múltiples mallas textiles

**Cubierta:** Mezcla de goma sintética EPDM/NBR color amarillo perforada

**Aplicación:** Paso de LPG en diferentes aplicaciones: parrilleras, cocinas, calentadores etc.

**Rango de Temperatura:** -40°C + 70°C

### CONSTRUCTION

**Inner Tube:** Black NBR blended, **Reinforcement:** High tensile textile cords

**Cover:** Yellow Synthetic EPDM/NBR blended rubber. Pinpricking

**Application:** LPG delivery in different applications: bobtail, grills, cookers and heaters

**Temperature Range:** -40°C + 70°C



MANGUERA PARA LPG  
LPG Gas Hose **H02133**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02133-380	3/8"	9.5	19.0	0.75	24.13	350	72.39	1050	55	2.17	150	492.13
H02133-500	1/2"	12.7	23.8	0.94	24.13	350	72.39	1050	75	2.95	100	328.08
H02133-750	3/4"	19.1	31.8	1.25	24.13	350	72.39	1050	100	3.94	100	328.08
H02133-1000	1"	25.4	38.1	1.5	24.13	350	72.39	1050	160	6.3	100	328.08





## MANGUERAS HOSES

H02264 / Vapor  
*Steam Hose* ..... A.12

H02188 / Succión y Descarga Agua Caliente  
*Hot Water S & D Hose* ..... A.12

H02410 / Radiador  
*Radiator Hose* ..... A.13

H02211 / Tubo de Acero Inoxidable  
*Stainless Steel Tube* ..... A.14

# AGUA CALIENTE Y VAPOR

## Hot Water & Steam



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Agua Caliente y Vapor HOT WATER & STEAM HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética EPDM, **Refuerzo:** Dos mallas de acero  
**Cubierta:** Mezcla de goma sintética EPDM color Rojo, **Aplicación:** Para el transporte de vapor en industrias químicas, de petróleo, alimentos, madera y procesamiento  
**Rango de Temperatura:** -29°C + 232 °C

### CONSTRUCTION

**Inner Tube:** Red synthetic EPDM blended rubber, **Reinforcement:** Two plies of steel wire  
**Cover:** Red synthetic EPDM blended rubber, **Application:** For the conveyance of steam in chemical/petroleum, food, lumber, pulp and processing industries  
**Temperature Range:** -29°C + 232 °C



MANGUERA PARA VAPOR  
Steam Hose H02264

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02264-500	1/2"	13.0	25.7	1.01	17	250	68	986	200	7.87	100	328.08
H02264-750	3/4"	19.0	33.7	1.33	17	250	68	986	290	11.42	50	164.04
H02264-1000	1"	25.0	40.7	1.60	17	250	68	986	380	14.96	50	164.04

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética EPDM, **Refuerzo:** Malla de fibra sintética con alambre helicoidal, **Cubierta:** Mezcla de goma sintética EPDM  
**Aplicación:** Para trasiego de fluidos, agua caliente, en aplicaciones industriales, construcción y agrícola. Muy flexible, ideal para usar en espacios reducidos  
**Rango de Temperatura:** -20°C + 100 °C

### CONSTRUCTION

**Inner Tube:** Synthetic EPDM blended rubber, **Reinforcement:** Pliers of synthetic cord with helix wire, **Cover:** Synthetic EPDM blended rubber, **Application:** Used for fluids decanted in this case hot water. For industrial, construction and agricultural applications. Very flexible, for use in confined spaces. **Temperature Range:** -20°C + 100 °C



SUCCIÓN Y DESCARGA DE AGUA CALIENTE  
Hot Water Suction & Discharge H02188

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02188-750	3/4"	19.1	29.0	1.14	10	150	30	450	50	1.97	0.9	27	60.00	196.80
H02188-1000	1"	25.0	35.0	1.38	10	150	30	450	60	2.36	0.9	27	60.00	196.80
H02188-2000	2"	50.8	63.0	2.48	10	150	30	450	140	5.51	0.9	27	60.00	196.80



## Manguera para Agua Caliente y Vapor HOT WATER & STEAM HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética EPDM/NR, **Reforzo:** Múltiples mallas textiles  
**Cubierta:** Mezcla de goma sintética EPDM/NR, **Aplicación:** Para paso de agua caliente en motores de uso industrial y equipos pesados, **Rango de Temperatura:** -20°C + 70 °C

### CONSTRUCTION

**Inner Tube:** Synthetic EPDM/NR blended rubber, **Reinforcement:** High tensile textile cords  
**Cover:** Synthetic EPDM/NR blended rubber, **Application:** For hot water passage in industrial engines and heavy duty equipment, **Temperature Range:** -20°C + 70 °C



MANGUERA PARA RADIADOR  
Radiator Hose H02410

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02410-875	7/8"	22.10	33.0	1.30	4.83	70	14.48	210	125	4.92	20	65.62
H02410-1000	1"	25.00	36.0	1.42	4.83	70	14.48	210	140	5.51	20	65.62
H02410-1125	1.1/8"	28.50	38.0	1.50	4.83	70	14.48	210	150	5.91	20	65.62
H02410-1250	1.1/4"	31.75	44.0	1.73	4.83	70	14.48	210	170	6.69	20	65.62
H02410-1380	1.3/8"	34.80	48.0	1.89	4.83	70	14.48	210	185	7.28	20	65.62
H02410-1500	1.1/2"	38.10	51.0	2.01	4.83	70	14.48	210	200	7.87	20	65.62
H02410-1630	1.5/8"	41.15	54.0	2.13	4.83	70	14.48	210	215	8.46	20	65.62
H02410-1750	1.3/4"	44.45	57.0	2.24	4.83	70	14.48	210	230	9.06	20	65.62
H02410-1880	1.7/8"	47.50	60.0	2.36	4.83	70	14.48	210	240	9.45	20	65.62
H02410-2000	2"	50.80	63.0	2.48	4.83	70	14.48	210	285	9.65	20	65.62
H02410-2250	2.1/4"	57.15	70.0	2.76	4.83	70	14.48	210	320	12.6	20	65.62
H02410-2380	2.3/8"	60.20	73.0	2.87	4.83	70	14.48	210	335	13.19	20	65.62
H02410-2500	2.1/2"	63.50	76.0	2.99	4.83	70	14.48	210	350	13.78	20	65.62
H02410-2750	2.3/4"	69.85	82.0	3.23	4.83	70	14.48	210	380	14.96	20	65.62
H02410-3000	3"	76.20	90.0	3.54	4.83	70	14.48	210	415	16.34	20	65.62
H02410-3500	3.1/2"	88.90	103.0	4.06	4.83	70	14.48	210	480	18.9	20	65.62
H02410-4000	4"	101.60	116.0	4.57	4.83	70	14.48	210	545	21.46	20	65.62



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Agua Caliente y Vapor HOT WATER & STEAM HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Tubo helicoidal de Acero Inoxidable 321, **Cubierta:** Malla de Acero Inoxidable 304

**Aplicación:** En hornos industriales, calderas y transporte de vapor y agua caliente

**Rango de Temperatura:** -200°C + 700 °C

### CONSTRUCTION

**Inner Tube:** 321 stainless steel helicoidal tube, **Cover:** 304 stainless steel mesh

**Application:** Used in industrial ovens, boilers, and transportation of steam and hot water

**Temperature Range:** -200°C + 700 °C



TUBO DE ACERO INOXIDABLE 321 CON MALLA  
DE ACERO INOXIDABLE 304 H02211  
321 Stainless Steel tube with Stainless Steel Mesh 304

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Espesor de Paredes Wall Thickness		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mm	in	mts	fts
H02211-250	1/4"	6.2	10.8	0.43	98.1	1422.2	294.3	4266.72	0.18	0.01	100	3.94	50	164.04
H02211-380	3/8"	10.3	15.6	0.61	88.3	1280.0	264.9	3839.85	0.18	0.01	150	5.91	50	164.04
H02211-500	1/2"	12.2	18.2	0.72	78.5	1138.5	235.5	3415.50	0.18	0.01	200	7.87	50	164.04
H02211-580	5/8"	16.2	21.6	0.85	73.0	1058.7	219.0	3176.10	0.2	0.01	200	7.87	50	164.04
H02211-750	3/4"	20.2	28.3	1.11	62.8	910.8	188.4	2732.52	0.2	0.01	200	7.87	50	164.04
H02211-1000	1"	25.4	32.4	1.28	49.0	710.6	147.0	2131.80	0.25	0.01	200	7.87	50	164.04
H02211-1250	1.1/4"	34.3	41.3	1.63	39.2	568.6	117.6	1705.65	0.25	0.01	250	9.84	50	164.04
H02211-1500	1.1/2"	40.1	52.7	2.07	29.4	426.4	88.2	1279.23	0.25	0.01	250	9.84	50	164.04
H02211-2000	2"	50.3	67.2	2.65	27.5	398.9	82.5	1196.55	0.28	0.01	350	13.78	50	164.04
H02211-2500	2.1/2"	65.7	83.3	3.28	23.5	340.8	70.5	1022.52	0.30	0.01	410	16.14	25	82.02
H02211-3000	3"	80.3	97.2	3.83	17.7	256.7	53.1	770.16	0.30	0.01	450	17.72	25	82.02
H02211-4000	4"	100.8	119.5	4.70	15.7	227.7	47.1	683.10	0.30	0.01	560	22.05	25	82.02
H02211-5000	5"	125.4	152.7	6.01	11.8	171.1	35.4	513.30	0.40	0.02	660	25.98	10	32.81
H02211-6000	6"	150.8	177.7	7.00	9.8	142.1	29.4	426.30	0.40	0.02	815	32.09	10	32.81
H02211-8000	8"	198.0	228.5	9.00	7.8	113.1	23.4	339.39	0.50	0.02	1015	39.96	10	32.81



**MANGUERAS  
HOSES**

**H02570 / PVC para Succión FDA**  
*FDA PVC Suction Hose* ..... A.15

**H02558 / Tubo de PVC - FDA y NSF**  
*FDA and NSF PVC Tubing* ..... A.15

**H02581 / PVC Grado Alimenticio**  
*FDA PVC* ..... A.16

**H02582 / PVC para Bebidas**  
*PVC Beverages* ..... A.16

**ALIMENTOS**  
**Food**



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** PVC transparente grado FDA, **Refuerzo:** Alambre de acero  
**Cubierta:** PVC transparente grado FDA, **Aplicación:** Distribución de alimentos y bebidas, aire, agua, refrigerante, lavado de coches, sistemas de agua desionizada y otras aplicaciones que requieran inspección visual, **Rango de Temperatura:** -21°C + 60 °C

### CONSTRUCTION

**Inner Tube:** Crystal Clear PVC FDA grade, **Reinforcement:** Steel spring wire ,  
**Cover:** Crystal Clear PVC FDA grade, **Application:** Food and beverage dispensing, air, water, coolant, car wash, deionized water systems and other visual flow inspection  
**Temperature Range:** -21°C + 60 °C

## Manguera para Alimentos FOOD HOSES



PVC PARA SUCCIÓN FDA  
FDA PVC Suction Hose **H02570**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Rup. Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02570-500	1/2"	12.0	18.0	0.71	8.00	116	24.0	348	60	2.36	0.81	24	100	328.81
H02570-630	5/8"	16.0	21.0	0.83	8.00	116	24.0	348	80	3.15	0.81	24	100	328.81
H02570-750	3/4"	19.0	25.0	0.98	8.00	116	24.0	348	95	3.74	0.81	24	50	164.04
H02570-1000	1"	25.0	33.0	1.30	7.03	102	21.1	306	125	4.92	0.81	24	50	164.04
H02570-1250	1 1/4"	32.0	40.0	1.57	5.03	73	15.1	219	160	6.3	0.81	24	40	131.23
H02570-1500	1 1/2"	38.0	47.0	1.85	5.03	73	15.1	219	190	7.48	0.81	24	40	131.23
H02570-2000	2"	51.0	61.0	2.40	5.03	73	15.1	219	255	10.04	0.81	24	40	131.23
H02570-2500	2 1/2"	64.0	75.0	2.95	4.00	58	12.0	174	320	12.6	0.81	24	20	65.62
H02570-3000	3"	76.0	90.0	3.54	4.00	58	12.0	174	380	14.96	0.84	25	20	65.62
H02570-4000	4"	102.0	118.0	4.65	3.03	44	9.1	132	510	20.08	0.84	25	10	32.81
H02570-5000	5"	127.0	141.0	5.55	3.03	44	9.1	132	635	25	0.84	25	10	32.81
H02570-6000	6"	152.0	168.0	6.61	3.03	44	9.1	132	760	29.92	0.91	27	10	32.81
H02570-8000	8"	200.0	224.0	8.82	3.03	44	9.1	132	1000	39.37	0.91	27	10	32.81

### CONSTRUCCIÓN

**Tubo Interno:** PVC transparente, **Cubierta:** PVC transparente, **Aplicación:** Usos generales. Esterilizada con solución de soda al 5%, **Rango de Temperatura:** -5°C + 65 °C

### CONSTRUCTION

**Inner Tube:** Transparent PVC, **Cover:** Transparent PVC, **Application:** General purpose sterilized with 5% soda solution, **Temperature Range:** -5°C + 65 °C



TUBO DE PVC -FDA Y NSF  
FDA-NSF PVC Tubing **H02558**

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02558-125	1/8"	3.0	5.0	0.20	1.5	22	4.5	66	15	0.59	100	328.08
H02558-187	3/16"	5.0	7.0	0.28	1.5	22	4.5	66	25	0.98	100	328.08
H02558-250	1/4"	6.0	8.0	0.31	1.5	22	4.5	66	30	1.18	100	328.08
H02558-312	5/16"	8.0	10.0	0.39	1.5	22	4.5	66	40	1.57	100	328.08
H02558-380	3/8"	9.5	12.7	0.50	1.5	22	4.5	66	48	1.89	50	164.04
H02558-500	1/2"	12.7	15.9	0.63	1.5	22	4.5	66	64	2.52	50	164.04
H02558-750	3/4"	19.0	22.0	0.87	1.5	22	4.5	66	95	3.74	50	164.04



## Manguera para Alimentos FOOD HOSES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** PVC transparente, **Refuerzo:** Malla textil (terylene), **Cubierta:** PVC transparente, **Aplicación:** Distribución de alimentos y bebidas, agua potable, aire, líneas de respiración, envases y equipos, líneas de lubricación y otras aplicaciones de flujo que requieran inspección visual, **Rango de Temperatura:** -5°C + 65 °C

### CONSTRUCTION

**Inner Tube:** Transparent PVC, **Reinforcement:** One braid of terylene, **Cover:** Transparent PVC  
**Application:** Food and beverage dispensing, potable water, air, breathing lines, packaging and equipment, lube lines and other visual flow applications  
**Temperature Range:** -5°C + 65 °C



PVC GRADO ALIMENTICIO  
FDA PVC H02581

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02581-251	1/4"	6.0	12	0.47	10	145	30.0	435	30	1.18	100	328.08
H02581-313	5/16"	8.0	13.0	0.51	10	145	30.0	435	40	1.57	100	328.08
H02581-381	3/8"	10.0	16.0	0.63	9	131	27.0	393	50	1.97	100	328.08
H02581-501	1/2"	13.0	19.0	0.75	8	116	24.0	348	65	2.56	50	164.04
H02581-631	5/8"	16.0	22.0	0.87	8	116	24.0	348	80	3.15	50	164.04
H02581-751	3/4"	19.0	26.0	1.02	8	116	24.0	348	95	3.74	50	164.04
H02581-1001	1"	25.0	33.0	1.30	6	87	18.0	261	125	4.92	50	164.04
H02581-1251	1.1/4"	32.0	41.0	1.61	5	73	15.0	219	160	6.3	40	131.23
H02581-1501	1.1/2"	38.0	48.0	1.89	4	58	12.0	174	190	7.48	40	131.23
H02581-2001	2"	50.0	62.0	2.44	4	58	12.0	174	250	984	40	131.23

### CONSTRUCCIÓN

**Tubo Interno:** Polímero termoplástico grado alimenticio, **Refuerzo:** Polímero termoplástico rígido color blanco, **Cubierta:** Polímero termoplástico grado alimenticio  
**Aplicación:** Succión y descarga de alimentos de consumo humano, entre tanques de la industria alimenticia o camiones cisternas de suministro y descarga en maquinarias en la industria farmacéutica, **Rango de Temperatura:** -5°C + 60 °C

### CONSTRUCTION

**Inner Tube:** Food grade thermoplastic polymer, **Reinforcement:** White rigid thermoplastic polymer, **Cover:** Food grade thermoplastic polymer, **Application:** Suction and discharge of food for human consumption, between tanks of food industry or supply cisterns and discharge in pharmaceutical industry, **Temperature Range:** -5°C + 60 °C



PVC PARA BEBIDAS  
PVC Beverages H02582

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02582-1000	1"	25.0	31.0	1.22	1.02	14.79	3.1	44.37	120	4.72	50	164.04
H02582-1250	1.1/4"	31.5	37.9	1.49	1.02	14.79	3.1	44.37	135	5.31	50	164.04
H02582-1500	1.1/2"	38.0	44.8	1.76	1.02	14.79	3.1	44.37	175	6.89	50	164.04
H02582-2000	2"	50.3	57.5	2.26	1.02	14.79	3.1	44.37	240	9.45	50	164.04
H02582-3000	3"	76.2	85.4	3.36	0.98	14.21	2.9	42.63	360	14.17	30	98.43



## MANGUERAS HOSES

H02276 / Succión y Descarga de Químicos  
*XLPE Chemicals S & D Hose ..... A.17*

H02533 / PVC para Fumigación  
*PVC Spray Air and Fumigation Hose ..... A.17*

# ÁCIDOS Y QUÍMICOS

## Acid & Chemicals





## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Ácidos y Químicos ACID & CHEMICAL HOSE

### CONSTRUCCIÓN

**Tubo Interno:** Polietileno entrelazado (XLPE), **Refuerzo:** Múltiples mallas textiles con alambre de acero helicoidal, **Cubierta:** EPDM, color verde, **Aplicación:** Succión y descarga de químicos, **Rango de Temperatura:** -10°C + 65 °C

### CONSTRUCTION

**Inner Tube:** Transparent XLPE (Cross Linked Polyethylene), **Reinforcement:** High tensile textile cords with embedded steel helix wire, **Cover:** Green EPDM, **Application:** Acid and chemical suction and delivery, **Temperature Range:** -10°C + 65 °C



SUCCIÓN Y DESCARGA DE QUÍMICOS  
XLPE Chemical Suction Hose H02276

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02276-750	3/4"	19.0	31.0	1.22	16	240	48	720	90	3.54	40	131.23
H02276-1000	1"	25.0	37.0	1.46	16	240	48	720	110	4.33	40	131.23
H02276-1250	1.1/4"	32.0	44.0	1.73	16	240	48	720	135	5.31	40	131.23
H02276-1500	1.1/2"	38.0	51.0	2.01	16	240	48	720	155	6.1	40	131.23
H02276-2000	2"	50.0	67.0	2.64	16	240	48	720	235	9.25	40	131.23
H02276-2500	2.1/2"	63.5	80.0	3.15	16	240	48	720	285	11.22	40	131.23
H02276-3000	3"	76.0	92.0	3.62	16	240	48	720	335	13.19	40	131.23
H02276-4000	4"	101.6	122.0	4.80	16	240	48	720	445	17.52	40	131.23

### CONSTRUCCIÓN

**Tubo Interno:** PVC, **Refuerzo:** Terylene, **Cubierta:** PVC, **Aplicación:** Para aplicaciones industriales de alta presión. Equipos de fumigación agrícola. Aire comprimido en las estaciones de servicio, **Rango de Temperatura:** -5°C + 65 °C

### CONSTRUCTION

**Inner Tube:** PVC, **Reinforcement:** Terylene thread, **Cover:** PVC, **Application:** For high pressure industrial applications. Agricultural fumigation equipment. Compressed air at service stations, **Temperature Range:** -5°C + 65 °C



MANGUERA PARA FUMIGACIÓN  
PVC Spray air and fumigation hose H02533

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02533-250	1/4"	6.5	12.00	0.47	50.00	725	150.00	2175	33	1.3	100	328.08
H02533-313	5/16"	8.0	14.00	0.55	50.00	725	150.00	2175	40	1.57	100	328.08
H02533-380	3/8"	10.0	16.00	0.63	50.00	725	150.00	2175	50	1.97	100	328.08
H02533-500	1/2"	13.0	20.00	0.79	50.00	725	150.00	2175	65	2.56	100	328.08
H02533-630	5/8"	16.0	25.00	0.98	50.00	725	150.00	2175	80	3.15	50	164.04
H02533-750	3/4"	19.0	28.50	1.12	50.00	725	150.00	2175	95	3.74	50	164.04



## MANGUERAS HOSES

**H02218 / Descarga de Cemento**  
*Cement Discharge Hose* ..... A.18

**H02235 / Concreto Premezclado y Yeso**  
*Concrete Pump and Plaster Hose* ..... A.18

**H02244 / Sand Blasting**  
*Sand Blasting Hose* ..... A.19

**H02564 / PVC para Trabajo Pesado**  
*Heavy Duty PVC* ..... A.19

**H02590 / PVC Aire - Vacío**  
*Air Vacuum PVC* ..... A.20

**H02591 / PVC Aire - Vacío TPU**  
*TPU Air Vacuum PVC* ..... A.20

**MANEJO DE MATERIALES**  
**Material Handling**



## Manguera para Manejo de Materiales MATERIAL HANDLING HOSE

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/BR, **Refuerzo:** Múltiples mallas textiles  
**Cubierta:** Mezcla de goma sintética EPDM/SBR, **Aplicación:** Descarga neumática de polvos, cemento u otros materiales secos. También se utiliza para aplicaciones de mezcla de arena y agua en sitios de fracking, **Rango de Temperatura:** -34°C + 66 °C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/BR blended rubber, **Reinforcement:** High tensile textile cords  
**Cover:** Synthetic EPDM/SBR blended rubber, **Application:** For pneumatic discharge of dry powders, dry cement, or other dry materials. Also used for sand/water mix applications on fracking sites, **Temperature Range:** -34°C + 66 °C



MANGUERA PARA DESCARGA DE CEMENTO  
Cement Discharge Hose H02218

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. Trab. Working Pressure		Presión Min. Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02218-4000	4"	101.6	4.5	113.80	4.14	60	12.4	180	540	21.26	40	131.23

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética, **Refuerzo:** Cuatro mallas de acero  
**Cubierta:** Mezcla de goma sintética, **Aplicación:** Para aplicaciones de colocación de hormigón o cemento a muy alta presión, **Rango de Temperatura:** -30°C + 80 °C

### CONSTRUCTION

**Inner Tube:** Synthetic blended rubber, **Reinforcement:** Four layers of high tensile steel wire  
**Cover:** Synthetic blended rubber, **Application:** For very high pressure concrete placement applications, **Temperature Range:** -30°C + 80 °C



MANGUERA PARA BOMBAS DE CONCRETO  
PREMEZCLADO Y YESO  
Concrete Pump and Plaster Hose H02235

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02235-1250	1 1/4"	32.0	46.0	1.81	85	1233	200	2900	270	10.63	20	65.62
H02235-1500	1 1/2"	38.0	52.0	2.05	85	1233	200	2900	290	11.42	20	65.62
H02235-2000	2"	51.0	70.0	2.76	85	1233	200	2900	360	14.17	20	65.62
H02235-2500	2 1/2"	64.0	83.4	3.28	85	1233	200	2900	420	16.54	20	65.62
H02235-3000	3"	76.0	96.4	3.80	85	1233	200	2900	470	18.50	20	65.62
H02235-4000	4"	102.0	128.0	5.04	85	1233	200	2900	720	28.35	20	65.62
H02235-5000	5"	127.0	153.0	6.02	85	1233	200	2900	950	37.40	20	65.62
H02235-6000	6"	152.0	178.0	7.01	85	1233	200	2900	1100	43.31	20	65.62



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Manguera para Manejo de Materiales MATERIAL HANDLING HOSE

### CONSTRUCCIÓN

**Tubo Interno:** Mezcla de goma sintética NR/BR, **Refuerzo:** Múltiples mallas textiles  
**Cubierta:** Mezcla de goma sintética EPDM/SBR, **Aplicación:** Para limpieza con chorro de arena en construcción, astilleros, acerías y refineries, **Rango de Temperatura:** -20°C + 70°C

### CONSTRUCTION

**Inner Tube:** Synthetic NR/BR blended rubber, **Reinforcement:** High tensile cords, **Cover:** Synthetic EPDM/SBR blended rubber, **Application:** For sandblasting cleaning operations in construction, shipyards, steel mills and refineries, **Temperature Range:** -20°C + 70 °C



MANGUERA SAND BLASTING  
Sand Blasting Hose H02244

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Ruptura Burst Pressure		Radio de Curvatura Bending Radius		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	mts	fts
H02244-500	1/2"	12.7	27.0	1.06	10	150	30	450	--	--	40	131.23
H02244-750	3/4"	19.0	38.0	1.5	10	150	30	450	130	5.12	40	131.23
H02244-1000	1"	25.0	40.0	1.57	10	150	30	450	145	5.71	40	131.23
H02244-1250	1.1/4"	31.8	48.0	1.89	10	150	30	450	180	7.09	40	131.23
H02244-1500	1.1/2"	38.0	56.0	2.20	10	150	30	450	210	8.27	40	131.23
H02244-2000	2"	50.0	72.0	2.83	10	150	30	450	305	12.01	40	131.23
H02244-2500	2.1/2"	64.0	82.0	3.23	10	150	30	450	--	--	40	131.23
H02244-3000	3"	76.2	96.0	3.78	10	150	30	450	--	--	40	131.23

### CONSTRUCCIÓN

**Tubo Interno:** Polímero termoplástico, **Refuerzo:** Polímero termoplástico rígido color blanco, **Cubierta:** Polímero termoplástico, **Aplicación:** Succión y descarga, trasiego y transporte de partículas sólidas en suspensión en la industria general, **Rango de Temperatura:** -5°C + 65 °C

### CONSTRUCTION

**Inner Tube:** Thermoplastic polymer, **Reinforcement:** White rigid thermoplastic polymer  
**Cover:** Thermoplastic polymer, **Application:** Suction and discharge, transfer and transport of solid particles suspended in general industry, **Temperature Range:** -5°C + 65 °C



PVC PARA TRABAJO PESADO  
Heavy Duty PVC H02564

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Rup. Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02564B-1500	1.1/2"	38.0	46.00	1.81	10.00	145	30.00	435	190	7.48	0.81	24	30.48	100
H02564-1500	1.1/2"	38.0	46.00	1.81	10.00	145	30.00	435	190	7.48	0.81	24	30.48	100
H02564-2000	2"	51.0	60.00	2.36	9.00	131	27.00	393	255	10.04	0.81	24	30.48	100
H02564-2500	2.1/2"	64.0	73.00	2.87	8.00	116	24.00	348	320	12.60	0.81	24	30.48	100
H02564-3000	3"	76.0	86.00	3.39	7.00	102	21.00	306	380	14.96	0.85	25	30.48	100
H02564-4000	4"	102	113.00	4.45	7.00	102	21.00	306	510	20.08	0.85	25	30.48	100
H02564-6000	6"	152	166.00	6.54	5.03	73	15.10	219	760	29.92	0.85	25	15.00	49.21



## Manguera para Manejo de Materiales MATERIAL HANDLING HOSE

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### CONSTRUCCIÓN

**Tubo Interno:** Polímero termoplástico, **Refuerzo:** Espiral termoplástico con alta resistencia mecánica, **Cubierta:** Polímero Termoplástico, **Aplicación:** Para transporte de partículas en suspensión en plantas industriales que generan partículas volátiles, **Rango de Temperatura:** 5°C + 50 °C

### CONSTRUCTION

**Inner Tube:** Thermoplastic polymer, **Reinforcement:** Thermoplastic spiral with high mechanical resistance, **Cover:** Thermoplastic polymer, **Application:** For transport of suspended particles in industrial plants that generate volatile particles, **Temperature Range:** 5°C + 50 °C



PVC AIRE-VACÍO  
Air-Vacuum PVC H02590

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Rup. Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02590-1500	1.1/2"	31.8	39.90	1.57	2.28	33	6.89	100	95	3.74	24.94	29	50	164.04
H02590-2000	2"	50.8	52.80	2.08	2.28	33	6.89	100	125	4.92	24.94	29	50	164.04
H02590-2500	2.1/2"	63.5	65.50	2.58	1.86	27	5.52	80	135	5.31	19.78	23	50	164.04
H02590-3000	3"	76.2	78.40	3.09	1.38	20	4.14	60	210	8.27	18.92	22	50	164.04
H02590-4000	4"	101.6	104.40	4.11	0.90	13	2.76	40	250	9.84	10.32	12	50	164.04
H02590-5000	5"	127.0	129.60	5.10	0.90	13	2.76	40	270	10.63	7.74	9	50	164.04

### CONSTRUCCIÓN

**Tubo Interno:** Poliuretano termoplástico, **Refuerzo:** Espiral termoplástico con alta resistencia mecánica, **Cubierta:** Poliuretano termoplástico, **Aplicación:** Aspiración y transporte de partículas abrasivas en suspensión en plantas industriales. Alta flexibilidad, alta resistencia a la humedad. Resistencia a rayos UV. Muy flexible y liviana **Rango de Temperatura:** 5°C + 60 °C

### CONSTRUCTION

**Inner Tube:** Thermoplastic polyurethane, **Reinforcement:** Thermoplastic spiral with high mechanical resistance, **Cover:** Thermoplastic polyurethane, **Application:** Suction and transport of abrasive particles in suspension in industrial plants. High flexibility, high resistance to moisture, UV resistance. Very flexible and lightweight, **Temperature Range:** 5°C + 60 °C



PVC AIRE-VACÍO TPU  
TPU Air-Vacuum PVC H02591

Código Code	Diámetro Interno Hose I.D.		Diámetro Externo Hose O.D.		Presión Max. de Trab. Working Pressure		Presión Min. de Rup. Burst Pressure		Radio de Curvatura Bending Radius		Succión Vacuum Rating		Rollo Roll	
	in	mm	mm	in	bar	psi	bar	psi	mm	in	bar	InHg	mts	fts
H02591-1250	1.1/4"	31.8	32.80	1.29	4.14	60	12.41	180	50	1.97	0.34	10	50	164.04
H02591-1500	1.1/2"	38.1	39.10	1.54	4.14	60	12.41	180	50	1.97	0.30	9	50	164.04
H02591-2000	2"	50.8	51.80	2.04	3.65	53	11.03	160	60	2.36	0.30	9	50	164.04
H02591-2500	2.1/2"	63.5	64.50	2.54	2.28	33	6.89	100	70	2.76	0.30	9	50	164.04
H02591-3000	3"	76.2	77.20	3.04	1.38	20	4.14	60	80	3.15	0.27	8	50	164.04
H02591-4000	4"	101.6	102.80	4.05	0.90	13	2.76	40	90	3.54	0.27	8	50	164.04
H02591-5000	5"	127.0	128.60	5.06	0.90	13	2.76	40	120	4.72	0.24	7	50	164.04
H02591-6000	6"	152.4	154.80	6.09	0.90	13	2.76	40	130	5.12	0.24	7	30	98.43



## PROTECTORES PROTECTION

H02598 / Espiraletto

*Hose Guards* ..... A.21

H02444 / Mangas Alta Temperatura

*Fire Sleeves* ..... A.21

# PROTECTORES PARA MANGUERAS Hoses Protection



## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## Protectores para Mangueras HOSE PROTECTION

### CONSTRUCCIÓN

**Cubierta:** Polímero termoplástico, **Aplicación:** Protección y ordenamiento de cables o mangueras. Protección de mangueras expuestas a abrasión. Ordenamiento de cableado en vehículos, **Rango de Temperatura:** 5°C + 60 °C

### CONSTRUCTION

**Cover:** Thermoplastic polymer, **Application:** Protection and ordering of cables or hoses. Protection of hoses exposed to abrasion. Ordering of wiring in vehicles  
**Temperature Range:** 5°C + 60 °C



PROTECTORES TIPO ESPIRALETO  
Hose Guards H02598

Código Code	Diámetro Interno Hose I.D.		Rollo Roll	
	in	mm	mts	fts
H02598-190	3/16"	4.57	100	328.08
H02598-250	1/4"	6.35	100	328.08
H02598-380	3/8"	9.4	100	328.08
H02598-500	1/2"	12.7	100	328.08
H02598-750	3/4"	19.1	100	328.08
H02598-1000	1"	25.4	100	328.08
H02598-1500	1.1/2"	38.1	100	328.08
H02598-2000	2"	50.8	100	328.08
H02598-2500	2.1/2"	63.5	100	328.08
H02598-3000	3"	76.2	100	328.08
H02598-4000	4"	101.6	100	328.08

### CONSTRUCCIÓN

**Tubo Interno:** Fibra de vidrio, **Cubierta:** Goma de silicón color naranja,  
**Aplicación:** Protección de mangueras hidráulicas e industriales en aplicaciones de altas temperaturas, **Temperatura Constante de trabajo:** -75°C + 260 °C  
**Pico de tiempo máximo de temperatura en corto periodo de tiempo:** + 1650 °C

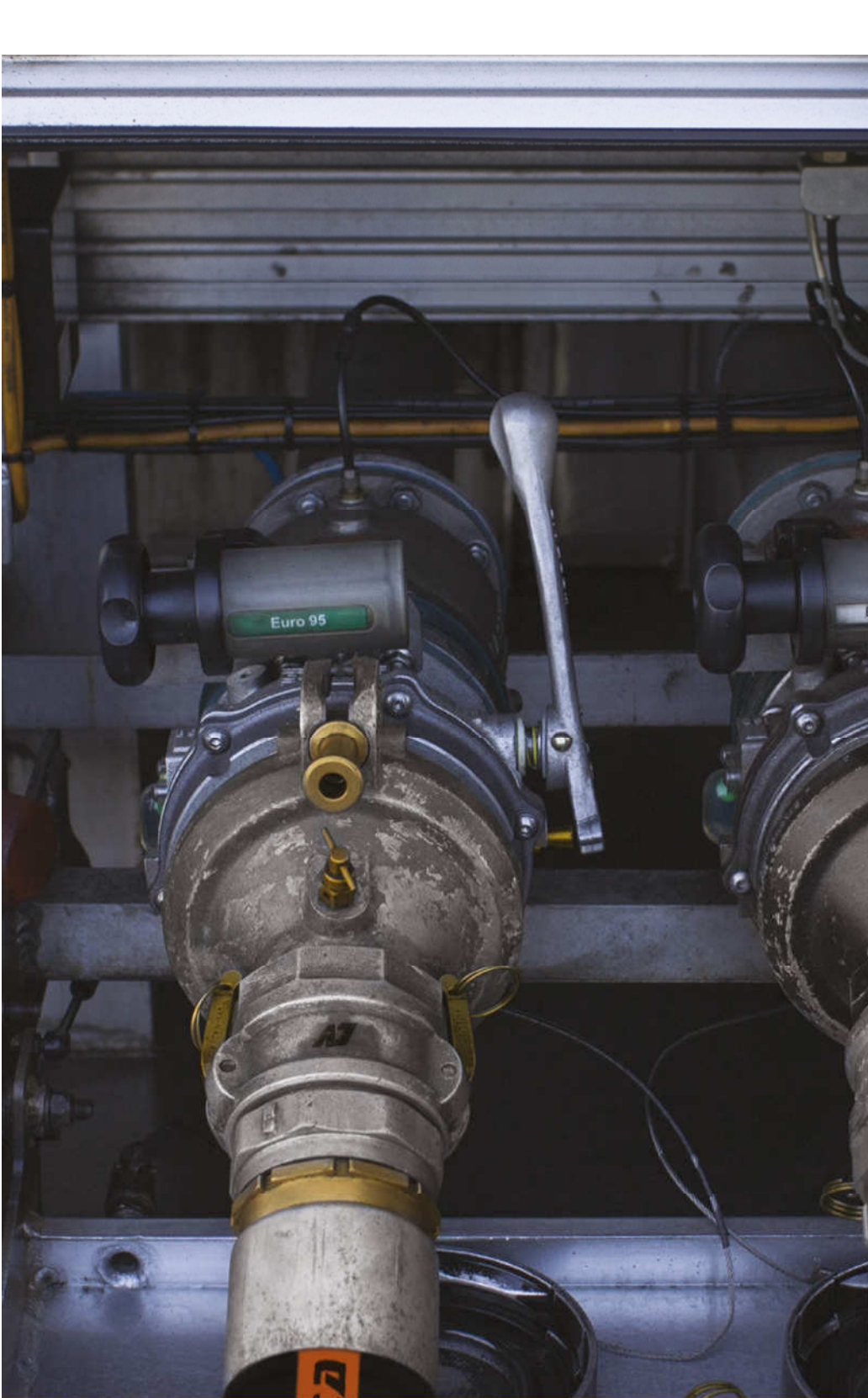
### CONSTRUCTION

**Inner Tube:** Fiberglass braid, **Cover:** Orange silicone rubber, **Application:** Hydraulic and industrial hoses protection in high temperature applications,  
**Working Temperature:** -75°C + 260 °C, **Short Time Peak Temperature:** + 1650°C



MANGAS RESISTENTES A ALTAS TEMPERATURAS  
Fire Sleeves TD H02444

Código Code	Diámetro Interno Hose I.D.		Rollo Roll	
	in	mm	mts	fts
H02444-500	3/16"	4.57	100	328.08
H02444-750	1/4"	6.35	100	328.08
H02444-1000	3/8"	9.4	100	328.08



## ACOPLES COUPLINGS

<b>Parte A / Adaptador Macho x Rosca Hembra</b> <i>Male Adapter x Female Thread</i> .....	B.1
<b>Parte B / Acople Hembra x Rosca Macho</b> <i>Female Coupling x Male Thread</i> .....	B.2
<b>Parte C / Acople Hembra x Espiga</b> <i>Female Coupling x Hose Barb</i> .....	B.3
<b>Parte D / Acople Hembra x Rosca Hembra</b> <i>Female Coupling x Female Thread</i> .....	B.4
<b>Parte E / Adaptador Macho x Espiga</b> <i>Male Adapter x Hose Barb</i> .....	B.5
<b>Parte F / Adaptador Macho x Rosca Macho</b> <i>Male Adapter x Male Thread</i> .....	B.6
<b>Parte DC / Tapa</b> <i>Dust Cap</i> .....	B.7
<b>Parte DP / Tapón</b> <i>Dust Plug</i> .....	B.8
<b>Empacadura</b> <i>Gasket</i> .....	B.8
<b>Parte HB / Bronce</b> <i>HB Part - Brass</i> .....	B.9
<b>Parte HBS / Acero Inoxidable</b> <i>HBC Part - Stainless Steel</i> .....	B.9
<b>PL- Set / Conexiones Sución y Descarga</b> <i>Suction &amp; Discharge Coupling</i> .....	B.9
<b>PTCN / Niple Combinado</b> <i>Steel Combination Nipple</i> .....	B.10
<b>PTHM / Unión para Mangueras</b> <i>Steel Hose Union</i> .....	B.10
<b>CR / Reducción Hembra x Espiga</b> <i>Reduction Female Coupler - Hose Barb</i> .....	B.10
<b>GJF / Hembra Tipo Boss</b> <i>Female Boss Type</i> .....	B.11
<b>GJMST / Macho Tipo Boss</b> <i>Male Boss Type</i> .....	B.11
<b>UHC / Abrazadera</b> <i>Hose Clamp</i> .....	B.11
<b>UCHS / Espiga para Compresores</b> <i>Compressors Barb</i> .....	B.12
<b>UCFE / Conex. Hembra para Compresores</b> <i>Compressors Female Coupling</i> .....	B.12
<b>UCME / Conex. Macho para Compresores</b> <i>Compressors Male Coupling</i> .....	B.12
<b>RG / Anillo de Goma</b> <i>Rubber Ring</i> .....	B.13
<b>TWC / Conexión para Compresores 3 Vías</b> <i>Compressors Coupling 3 ways</i> .....	B.13
<b>CSB / Conexión para SandBlasting</b> <i>SandBlast Hose Coupling</i> .....	B.13
<b>NSB / Terminal para Manguera SanBlasting</b> <i>SandBlast Terminal Hose Coupling</i> .....	B.14
<b>FERRUL / Para Mangueras Industriales</b> <i>For Industrial Hoses</i> .....	B.14

# ACOPLES INDUSTRIALES

## Industrial Couplings



# INDICE VISUAL

## Visual Index

### Acoples Industriales

#### INDUSTRIAL COUPLINGS

B.1



PARTE A

ACOPLE RÁPIDO ADAPTADOR MACHO X ROSCA HEMBRA  
CAMLOCK COUPLING MALE ADAPTER X FEMALE

B.2



PARTE B

ACOPLE RÁPIDO HEMBRA X ROSCA MACHO  
CAMLOCK COUPLING FEMALE X MALE THREAD

B.3



PARTE C

ACOPLE RÁPIDO HEMBRA X ESPIGA PARA MANGUERA  
CAMLOCK COUPLING FEMALE X HOSE BARB

B.4



PARTE D

ACOPLE RÁPIDO HEMBRA X ROSCA HEMBRA  
CAMLOCK COUPLING FEMALE X FEMALE THREAD

B.5



PARTE E

ACOPLE RÁPIDO ADAPTADOR MACHO X ESPIGA PARA MANGUERA  
CAMLOCK COUPLING MALE ADAPTER X HOSE BARB

B.6



PARTE F

ACOPLE RÁPIDO ADAPTADOR MACHO X ROSCA MACHO  
CAMLOCK COUPLING MALE ADAPTER X MALE THREAD

B.7



PARTE DC

ACOPLE RÁPIDO PARTE DC "TAPA"  
CAMLOCK COUPLING PART DC "DUST CAP"

B.8



PARTE DP

ACOPLE RÁPIDO PARTE DP "TAPON"  
CAMLOCK COUPLING PART DP "DUST PLUG"

B.8



EMPACADURA  
CAMLOCK GASKETS

B.9



PARTE HB

PARTE HB - BRONCE  
HB PART - BRASS

B.9



PARTE HBS

PARTE HBS - ACERO INOXIDABLE  
HBS PART - STAINLESS STEEL

B.9



PL-SET

CONEXIONES PARA MANGUERAS DE SUCCIÓN Y DESCARGA  
SUCTION AND DISCHARGE HOSE COUPLING

# INDICE VISUAL

## Visual Index

### Acoples Industriales

#### INDUSTRIAL COUPLINGS

B.10



PTCN

NIPLES COMBINADOS DE ACERO  
STEEL COMBINATION NIPPLES

B.10



PTHM

UNIÓN PARA MANGUERAS  
STEEL HOSE UNION

B.10



CR

REDUCCIÓN ACOPLE HEMBRA-ESPIGA PARA MANGUERA  
REDUCTION FEMALE COUPLER - HOSE BARB

B.11



GJF

CONEXIÓN PARA MANGUERA HEMBRA TIPO BOSS  
FEMALE HOSE FITTING BOSS TYPE

B.11



GJMST

CONEXIÓN PARA MANGUERA MACHO TIPO BOSS  
MALE HOSE FITTING BOSS TYPE

B.11



UHC

ADRAZADERA PARA MANGUERA  
HOSE CLAMPS

B.12



UCHS

CONEXIÓN RÁPIDA PARA COMPRESORES (ESPIGA)  
COMPRESSORS CAMLOCK COUPLING (BARB)

B.12



UCFE

CONEXIÓN RÁPIDA PARA COMPRESORES (HEMBRA)  
COMPRESSORS CAMLOCK COUPLING (FEMALE)

B.12



UCME

CONEXIÓN RÁPIDA PARA COMPRESORES (MACHO)  
COMPRESSORS CAMLOCK COUPLING (MALE)

B.13



RG

ANILLO DE GOMA  
RUBBER RING

B.13



TWC

CONEXIÓN RÁPIDA PARA COMPRESORES (TRES VÍAS)  
COMPRESSORS CAMLOCK COUPLING (THREE WAYS)

B.13



CSB

CONEXIÓN PARA MANGUERA CHORRO DE ARENA  
SANDBLAST QUICK COUPLING

# INDICE VISUAL

## Visual Index

### Acoples Industriales

#### INDUSTRIAL COUPLINGS

B.14



**NSB**

CONEXIÓN  
PARA MANGUERA CHORRO DE ARENA (TERMINAL)  
SANDBLAST HOSE COUPLING

B. 14



**FERRUL**

PARA MANGUERAS INDUSTRIALES  
FOR INDUSTRIAL HOSES



## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### PARTE A

#### ACOPLE RÁPIDO ADAPTADOR MACHO X ROSCA HEMBRA Camlock Coupling Male Adapter x Female

Código Code	Medida Size	Material Material
	in	
075-A	3/4"	Aluminio / Aluminium
10-A	1"	Aluminio / Aluminium
10-AB	1"	Bronce / Brass
10-AP	1"	Polipropileno / Polypropylene
10-ASS	1"	Acero Inoxidable / Stainless Steel
12-A	1, 1/4"	Aluminio / Aluminium
12-AB	1, 1/4"	Bronce / Brass
12-AP	1, 1/4"	Polipropileno / Polypropylene
12-ASS	1, 1/4"	Acero Inoxidable / Stainless Steel
15-A	1, 1/2"	Aluminio / Aluminium
15-AB	1, 1/2"	Bronce / Brass
15-AP	1, 1/2"	Polipropileno / Polypropylene
15-ASS	1, 1/2"	Acero Inoxidable / Stainless Steel
20-A	2"	Aluminio / Aluminium
20-AB	2"	Bronce / Brass
20-AP	2"	Polipropileno / Polypropylene
20-ASS	2"	Acero Inoxidable / Stainless Steel
25-A	2, 1/2"	Aluminio / Aluminium
25-AB	2, 1/2"	Bronce / Brass
25-AP	2, 1/2"	Polipropileno / Polypropylene
25-ASS	2, 1/2"	Acero Inoxidable / Stainless Steel
30-A	3"	Aluminio / Aluminium
30-AB	3"	Bronce / Brass
30-AP	3"	Polipropileno / Polypropylene
30-ASS	3"	Acero Inoxidable / Stainless Steel
40-A	4"	Aluminio / Aluminium
40-AB	4"	Bronce / Brass
40-AP	4"	Polipropileno / Polypropylene
40-ASS	4"	Acero Inoxidable / Stainless Steel
60-A	6"	Aluminio / Aluminium
60-AB	6"	Bronce / Brass
60-AP	6"	Polipropileno / Polypropylene
60-ASS	6"	Acero Inoxidable / Stainless Steel





## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

### PARTE B

#### ACOPLE RÁPIDO HEMBRA X ROSCA MACHO Camlock coupling Female x Male Thread

Código Code	Medida Size	Material Material
	in	
075-B	3/4"	Aluminio / Aluminium
10-B	1"	Aluminio / Aluminium
10-BB	1"	Bronce / Brass
10-BP	1"	Polipropileno / Polypropylene
10-BSS	1"	Acero Inoxidable / Stainless Steel
12-B	1.1/4"	Aluminio / Aluminium
12-BB	1.1/4"	Bronce / Brass
12-BP	1.1/4"	Polipropileno / Polypropylene
12-BSS	1.1/4"	Acero Inoxidable / Stainless Steel
15-B	1.1/2"	Aluminio / Aluminium
15-BB	1.1/2"	Bronce / Brass
15-BP	1.1/2"	Polipropileno / Polypropylene
15-BSS	1.1/2"	Acero Inoxidable / Stainless Steel
20-B	2"	Aluminio / Aluminium
20-BB	2"	Bronce / Brass
20-BP	2"	Polipropileno / Polypropylene
20-BSS	2"	Acero Inoxidable / Stainless Steel
25-B	2.1/2"	Aluminio / Aluminium
25-BB	2.1/2"	Bronce / Brass
25-BP	2.1/2"	Polipropileno / Polypropylene
25-BSS	2.1/2"	Acero Inoxidable / Stainless Steel
30-B	3"	Aluminio / Aluminium
30-BB	3"	Bronce / Brass
30-BP	3"	Polipropileno / Polypropylene
30-BSS	3"	Acero Inoxidable / Stainless Steel
40-B	4"	Aluminio / Aluminium
40-BB	4"	Bronce / Brass
40-BP	4"	Polipropileno / Polypropylene
40-BSS	4"	Acero Inoxidable / Stainless Steel
60-B	6"	Aluminio / Aluminium
60-BB	6"	Bronce / Brass
60-BP	6"	Polipropileno / Polypropylene
60-BSS	6"	Acero Inoxidable / Stainless Steel
80-B	8"	Aluminio / Aluminium





## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### PARTE C

#### ACOPLE RÁPIDO HEMBRA X ESPIGA PARA MANGUERA Camlock coupling Female x Hose Barb

Código Code	Medida Size	Material Material
	in	
075-C	3/4"	Aluminio / Aluminium
10-C	1"	Aluminio / Aluminium
10-CB	1"	Bronce / Brass
10-CP	1"	Polipropileno / Polypropylene
10-CSS	1"	Acero Inoxidable / Stainless Steel
12-C	1.1/4"	Aluminio / Aluminium
12-CB	1.1/4"	Bronce / Brass
12-CP	1.1/4"	Polipropileno / Polypropylene
12-CSS	1.1/4"	Acero Inoxidable / Stainless Steel
15-C	1.1/2"	Aluminio / Aluminium
15-CB	1.1/2"	Bronce / Brass
15-CP	1.1/2"	Polipropileno / Polypropylene
15-CSS	1.1/2"	Acero Inoxidable / Stainless Steel
20-C	2"	Aluminio / Aluminium
20-CB	2"	Bronce / Brass
20-CP	2"	Polipropileno / Polypropylene
20-CSS	2"	Acero Inoxidable / Stainless Steel
25-C	2.1/2"	Aluminio / Aluminium
25-CB	2.1/2"	Bronce / Brass
25-CP	2.1/2"	Polipropileno / Polypropylene
25-CSS	2.1/2"	Acero Inoxidable / Stainless Steel
30-C	3"	Aluminio / Aluminium
30-CB	3"	Bronce / Brass
30-CP	3"	Polipropileno / Polypropylene
30-CSS	3"	Acero Inoxidable / Stainless Steel
40-C	4"	Aluminio / Aluminium
40-CB	4"	Bronce / Brass
40-CP	4"	Polipropileno / Polypropylene
40-CSS	4"	Acero Inoxidable / Stainless Steel
60-C	6"	Aluminio / Aluminium
60-CB	6"	Bronce / Brass
60-CP	6"	Polipropileno / Polypropylene
60-CSS	6"	Acero Inoxidable / Stainless Steel
80-C	8"	Aluminio / Aluminium





## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

### PARTE D

#### ACOPLE RÁPIDO HEMBRA X ROSCA HEMBRA Camlock coupling Female x Female Thread

Código Code	Medida Size	Material Material
	in	
075-D	3/4"	Aluminio / Aluminium
075-DSS	3/4"	Acero Inoxidable / Stainless Steel
10-D	1"	Aluminio / Aluminium
10-DB	1"	Bronce / Brass
10-DP	1"	Polipropileno / Polypropylene
10-DSS	1"	Acero Inoxidable / Stainless Steel
12-D	1.1/4"	Aluminio / Aluminium
12-DB	1.1/4"	Bronce / Brass
12-DP	1.1/4"	Polipropileno / Polypropylene
12-DSS	1.1/4"	Acero Inoxidable / Stainless Steel
15-D	1.1/2"	Aluminio / Aluminium
15-DB	1.1/2"	Bronce / Brass
15-DP	1.1/2"	Polipropileno / Polypropylene
15-DSS	1.1/2"	Acero Inoxidable / Stainless Steel
20-D	2"	Aluminio / Aluminium
20-DB	2"	Bronce / Brass
20-DP	2"	Polipropileno / Polypropylene
20-DSS	2"	Acero Inoxidable / Stainless Steel
25-D	2.1/2"	Aluminio / Aluminium
25-DB	2.1/2"	Bronce / Brass
25-DP	2.1/2"	Polipropileno / Polypropylene
25-DSS	2.1/2"	Acero Inoxidable / Stainless Steel
30-D	3"	Aluminio / Aluminium
30-DB	3"	Bronce / Brass
30-DP	3"	Polipropileno / Polypropylene
30-DSS	3"	Acero Inoxidable / Stainless Steel
40-D	4"	Aluminio / Aluminium
40-DB	4"	Bronce / Brass
40-DP	4"	Polipropileno / Polypropylene
40-DSS	4"	Acero Inoxidable / Stainless Steel
60-D	6"	Aluminio / Aluminium
60-DB	6"	Bronce / Brass
60-DP	6"	Polipropileno / Polypropylene
60-DSS	6"	Acero Inoxidable / Stainless Steel





## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### PARTE E

#### ACOPLE RÁPIDO ADAPTADOR MACHO X ESPIGA PARA MANGUERA Camlock coupling Male Adapter x Hose Barb

Código Code	Medida Size	Material Material
	in	
10-E	1"	Aluminio / Aluminium
10-EB	1"	Bronce / Brass
10-EP	1"	Polipropileno / Polypropylene
10-ESS	1"	Acero Inoxidable / Stainless Steel
12-E	1.1/4"	Aluminio / Aluminium
12-EB	1.1/4"	Bronce / Brass
12-EP	1.1/4"	Polipropileno / Polypropylene
12-ESS	1.1/4"	Acero Inoxidable / Stainless Steel
15-E	1.1/2"	Aluminio / Aluminium
15-EB	1.1/2"	Bronce / Brass
15-EP	1.1/2"	Polipropileno / Polypropylene
15-ESS	1.1/2"	Acero Inoxidable / Stainless Steel
20-E	2"	Aluminio / Aluminium
20-EB	2"	Bronce / Brass
20-EP	2"	Polipropileno / Polypropylene
20-ESS	2"	Acero Inoxidable / Stainless Steel
25-E	2.1/2"	Aluminio / Aluminium
25-EB	2.1/2"	Bronce / Brass
25-EP	2.1/2"	Polipropileno / Polypropylene
25-ESS	2.1/2"	Acero Inoxidable / Stainless Steel
30-E	3"	Aluminio / Aluminium
30-EB	3"	Bronce / Brass
30-EP	3"	Polipropileno / Polypropylene
30-ESS	3"	Acero Inoxidable / Stainless Steel
40-E	4"	Aluminio / Aluminium
40-EB	4"	Bronce / Brass
40-EP	4"	Polipropileno / Polypropylene
40-ESS	4"	Acero Inoxidable / Stainless Steel
60-E	6"	Aluminio / Aluminium
60-EB	6"	Bronce / Brass
60-EP	6"	Polipropileno / Polypropylene
60-ESS	6"	Acero Inoxidable / Stainless Steel
80-E	8"	Aluminio / Aluminium







## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

### PARTE F

**ACOPLE RÁPIDO ADAPTADOR MACHO X ROSCA MACHO**  
*Camlock coupling Male Adapter x Male Thread*

Código Code	Medida Size	Material Material
	In	
075-F	3/4"	Aluminio / Aluminium
075-FSS	3/4"	Acero Inoxidable / Stainless Steel
10-F	1"	Aluminio / Aluminium
10-FB	1"	Bronce / Brass
10-FP	1"	Polipropileno / Polypropylene
10-FSS	1"	Acero Inoxidable / Stainless Steel
12-F	1.1/4"	Aluminio / Aluminium
12-FB	1.1/4"	Bronce / Brass
12-FP	1.1/4"	Polipropileno / Polypropylene
12-FSS	1.1/4"	Acero Inoxidable / Stainless Steel
15-F	1.1/2"	Aluminio / Aluminium
15-FB	1.1/2"	Bronce / Brass
15-FP	1.1/2"	Polipropileno / Polypropylene
15-FSS	1.1/2"	Acero Inoxidable / Stainless Steel
20-F	2"	Aluminio / Aluminium
20-FB	2"	Bronce / Brass
20-FP	2"	Polipropileno / Polypropylene
20-FSS	2"	Acero Inoxidable / Stainless Steel
25-F	2.1/2"	Aluminio / Aluminium
25-FB	2.1/2"	Bronce / Brass
25-FP	2.1/2"	Polipropileno / Polypropylene
25-FSS	2.1/2"	Acero Inoxidable / Stainless Steel
30-F	3"	Aluminio / Aluminium
30-FB	3"	Bronce / Brass
30-FP	3"	Polipropileno / Polypropylene
30-FSS	3"	Acero Inoxidable / Stainless Steel
40-F	4"	Aluminio / Aluminium
40-FB	4"	Bronce / Brass
40-FP	4"	Polipropileno / Polypropylene
40-FSS	4"	Acero Inoxidable / Stainless Steel
60-F	6"	Aluminio / Aluminium
60-FB	6"	Bronce / Brass
60-FP	6"	Polipropileno / Polypropylene
60-FSS	6"	Acero Inoxidable / Stainless Steel
80-F	8"	Aluminio / Aluminium





## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### PARTE DC

**ACOPLE RÁPIDO PARTE DC "TAPA"**  
*Camlock coupling Part DC "Dust Cap"*

Código Code	Medida Size	Material Material
	in	
075-V-DC	3/4"	Aluminio / Aluminium
10-V-DC	1"	Aluminio / Aluminium
10-VB-DC	1"	Bronce / Brass
10-VSS-DC	1"	Acero Inoxidable / Stainless Steel
12-V-DC	1.1/4"	Aluminio / Aluminium
12-VB-DC	1.1/4"	Bronce / Brass
12-VSS-DC	1.1/4"	Acero Inoxidable / Stainless Steel
15-V-DC	1.1/2"	Aluminio / Aluminium
15-VB-DC	1.1/2"	Bronce / Brass
15-VSS-DC	1.1/2"	Acero Inoxidable / Stainless Steel
20-V-DC	2"	Aluminio / Aluminium
20-VB-DC	2"	Bronce / Brass
20-VP-DC	2"	Polipropileno / Polypropylene
20-VSS-DC	2"	Acero Inoxidable / Stainless Steel
25-V-DC	2.1/2"	Aluminio / Aluminium
25-VB-DC	2.1/2"	Bronce / Brass
25-VSS-DC	2.1/2"	Acero Inoxidable / Stainless Steel
30-V-DC	3"	Aluminio / Aluminium
30-VB-DC	3"	Bronce / Brass
30-VSS-DC	3"	Acero Inoxidable / Stainless Steel
40-V-DC	4"	Aluminio / Aluminium
40-VB-DC	4"	Bronce / Brass
40-VSS-DC	4"	Acero Inoxidable / Stainless Steel
50-V-DC	5"	Aluminio / Aluminium
50-VB-DC	5"	Bronce / Brass
50-VSS-DC	5"	Acero Inoxidable / Stainless Steel
60-V-DC	6"	Aluminio / Aluminium
60-VB-DC	6"	Bronce / Brass
60-VSS-DC	6"	Acero Inoxidable / Stainless Steel





## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## CONEXIONES TIPO CAM-LOCK CAM-LOCK COUPLINGS

### PARTE DP

**ACOPLE RÁPIDO PARTE DP "TAPÓN"**  
*Camlock coupling Part DP "Dust Plug"*

Código Code	Medida Size	Material Material
	in	
075-WSS-DP	3/4"	Acero Inoxidable / Stainless Steel
10-W-DP	1"	Aluminio / Aluminium
10-WB-DP	1"	Bronce / Brass
10-WSS-DP	1"	Acero Inoxidable / Stainless Steel
12-W-DP	1.1/4"	Aluminio / Aluminium
12-WB-DP	1.1/4"	Bronce / Brass
12-WSS-DP	1.1/4"	Acero Inoxidable / Stainless Steel
15-W-DP	1.1/2"	Aluminio / Aluminium
15-WB-DP	1.1/2"	Bronce / Brass
15-WSS-DP	1.1/2"	Acero Inoxidable / Stainless Steel
20-W-DP	2"	Aluminio / Aluminium
20-WB-DP	2"	Bronce / Brass
20-WSS-DP	2"	Acero Inoxidable / Stainless Steel
25-W-DP	2.1/2"	Aluminio / Aluminium
25-WB-DP	2.1/2"	Bronce / Brass
25-WSS-DP	2.1/2"	Acero Inoxidable / Stainless Steel
30-W-DP	3"	Aluminio / Aluminium
30-WB-DP	3"	Bronce / Brass
30-WSS-DP	3"	Acero Inoxidable / Stainless Steel
40-W-DP	4"	Aluminio / Aluminium
40-WB-DP	4"	Bronce / Brass
40-WSS-DP	4"	Acero Inoxidable / Stainless Steel
50-W-DP	5"	Aluminio / Aluminium
50-WB-DP	5"	Bronce / Brass
50-WSS-DP	5"	Acero Inoxidable / Stainless Steel
60-W-DP	6"	Aluminio / Aluminium
60-WB-DP	6"	Bronce / Brass
60-WSS-DP	6"	Acero Inoxidable / Stainless Steel



### EMPACADURA

*Camlock Gaskets*

Código Code	Medida Size	Material Material
	in	
B-01	3/4"	Buna
B-02	1"	Buna
B-03	1.1/4"	Buna
B-04	1.1/2"	Buna
B-05	2"	Buna
B-06	2.1/2"	Buna
B-07	3"	Buna
B-08	4"	Buna
B-09	6"	Buna





## ACCESORIOS / NIPLA ACCESORIES & NIPPLES

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### PARTE HB

**PARTE HB - BRONCE**  
HB Part - Brass

Código Code	Medida Size	Material Material
	in	
HB-10	1/2"-3/4"	Bronce / Brass
HB-11	1"	Bronce / Brass
HB-12	1.1/4"	Bronce / Brass
HB-15	1.1/2"	Bronce / Brass
HB-20	2"	Bronce / Brass
HB-30	3"	Bronce / Brass
HB-40	4"	Bronce / Brass
HB-60	6"	Bronce / Brass
HB-80	8"	Bronce / Brass
HB-100	10"	Bronce / Brass



### PARTE HBS

**PARTE HBS - ACERO INOXIDABLE**  
HBS Part - Stainless Steel

Código Code	Medida Size	Material Material
	in	
HBS-10	1/2"-3/4"	Acero Inoxidable / Stainless Steel
HBS-11	1"	Acero Inoxidable / Stainless Steel
HBS-12	1.1/4"	Acero Inoxidable / Stainless Steel
HBS-15	1.1/2"	Acero Inoxidable / Stainless Steel
HBS-20	2"	Acero Inoxidable / Stainless Steel
HBS-30	3"	Acero Inoxidable / Stainless Steel
HBS-40	4"	Acero Inoxidable / Stainless Steel
HBS-60	6"	Acero Inoxidable / Stainless Steel
HBS-80	8"	Acero Inoxidable / Stainless Steel
HBS-100	10"	Acero Inoxidable / Stainless Steel



### PL-SET

**CONEXIONES PARA MANGUERAS DE SUCCIÓN Y DESCARGA**  
Suction and Discharge Hose Couplings

Código Code	Medida Size
	in
PL-15SET	1.1/2"
PL-20SET	2"
PL-30SET	3"





## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## NIPLES DE COMBINACIÓN COMBINATION NIPPLES

### PTCN

#### NIPLES COMBINADOS DE ACERO Steel Combination Nipples

Código Code	Medida Size
	in
PTCN-50	1/2"
PTCN-75	3/4"
PTCN-100	1"
PTCN-125	1.1/4"
PTCN-150	1.1/2"
PTCN-200	2"
PTCN-250	2.1/2"
PTCN-300	3"
PTCN-400	4"
PTCN-500	5"
PTCN-600	6"
PTCN-800	8"
PTCN-1000	10"



### PTHM

#### UNIÓN PARA MANGUERAS Steel Hose Union

Código Code	Medida Size
	in
PTHM-50	1/2"
PTHM-75	3/4"
PTHM-100	1"
PTHM-125	1.1/4"
PTHM-150	1.1/2"
PTHM-200	2"
PTHM-250	2.1/2"
PTHM-300	3"
PTHM-400	4"
PTHM-500	5"
PTHM-600	6"
PTHM-800	8"



### CR

#### REDUCCIÓN ACOPLÉ HEMBRA - ESPIGA PARA MANGUERA Reduction Female Coupler - Hose Barb

Código Code	Medida Size	Material Material
	in	
3020-CR	3" x 2"	Aluminio / Aluminium
4030-CR	4" x 3"	Aluminio / Aluminium





## CONEXIONES TIPO BOSS GROUND JOIN SEAL

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### GJF

CONEXIÓN PARA MANGUERA HEMBRA TIPO BOSS  
Female Hose Fitting Boss Type

Código Code	Medida Size
	in
GJF-50	1/2"
GJF-75	3/4"
GJF-100	1"
GJF-125	1.1/4"
GJF-150	1.1/2"
GJF-200	2"
GJF-300	3"



### GJMST

CONEXIÓN PARA MANGUERA MACHO TIPO BOSS  
Male Hose Fitting Boss Type

Código Code	Medida Size
	in
GJMST-50	1/2"-1/2"
GJMST-75	3/4"-3/4"
GJMST-100	1"-1"
GJMST-125	1.1/4"-1.1/4"
GJMST-150	1.1/2"
GJMST-200	2"-2"
GJMST-300	3"-3"
GJMST-400	4"-4"



### UHC

ABRAZADERA PARA MANGUERAS  
Hose Clamps

Código Code	Medida Size
	in
UHC-50-5	1/2"
UHC-75-U9	3/4"
UHC-100-U14	1"
UHC-125-19	1.1/4"
UHC-150-U24	1.1/2"
UHC-200-U29	2"
UHC-300-35	3"
UHC-400	4"





**MANGUERAS INDUSTRIALES  
INDUSTRIAL HOSES**

**CONEX. TIPO CHICAGO / SAND BLASTING  
CLAW COUPLING / SAND BLAST**

**UCHS**

**CONEXIÓN RÁPIDA PARA COMPRESORES (ESPIGA)**  
*Compressors Camlock Coupling (Barb)*

Código Code	Medida Size
	in
UCHS-25	1/4"
UCHS-40	3/8"
UCHS-50	1/2"
UCHS-75	3/4"
UCHS-100	1"
UCHS-125	1.1/4"
UCHS-150*	1.1/2"
UCHS-200*	2"

\* Con 4 dientes  
\* Sizes With 4 Lug



**UCFE**

**CONEXIÓN RÁPIDA PARA COMPRESORES (HEMBRA)**  
*Compressors Camlock Coupling (Female)*

Código Code	Medida Size
	in
UCFE-25	1/4"
UCFE-40	3/8"
UCFE-50	1/2"
UCFE-75	3/4"
UCFE-100	1"
UCFE-125	1.1/4"
UCFE-150*	1.1/2"
UCFE-200*	2"

\* Con 4 dientes  
\* Sizes With 4 Lug



**UCME**

**CONEXIÓN RÁPIDA PARA COMPRESORES (MACHO)**  
*Compressors Camlock Coupling (Male)*

Código Code	Medida Size
	in
UCME-40	3/8"
UCME-50	1/2"
UCME-75	3/4"
UCME-100	1"
UCME-125	1.1/4"
UCME-150*	1.1/2"
UCME-200*	2"

\* Con 4 dientes  
\* Sizes With 4 Lug





## CONEX. TIPO CHICAGO / SAND BLASTING CLAW COUPLING / SAND BLAST

## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

### RG

**ANILLO DE GOMA**  
*Rubber Ring*

Código Code	Medida Size
RG	Standard



### TWC

**CONEXIÓN RÁPIDA PARA COMPRESORES (TRES VÍAS)**  
*Compressors Camlock Coupling (Three Ways)*

Código Code	Medida Size
TWC	in 1/2"



### CSB

**CONEXIÓN PARA MANGUERA CHORRO DE ARENA**  
*Sandblast Quick Coupling*

Código Code	Manguera Hose		Medida Size
	I.D	O.D	in
10-CSB	1"		1"
12-CSB	1.1/4"	2.5/32"	1.1/4"
15-CSB	1.1/2"	2.3/8"	1.1/2"







## MANGUERAS INDUSTRIALES INDUSTRIAL HOSES

## CONEX. SAND BLASTING / ACCESORIOS SAND BLAST / ACCESORIES

### NSB

CONEXIÓN PARA MANGUERA CHORRO DE ARENA (TERMINAL)  
Sandblast Hose Coupling

Código Code	Rosca Thread	Manguera Hose		Medida Size
		I.D	O.D	
	NPS			in
10-NSB	1.1/4"	1"	1.7/8"	1"
12-NSB	1.1/4"	1.1/4"	2.5/32"	1.1/4"
15-NSB	1.1/2"	1.1/2"	2.3/8"	1.1/2"



### FERRUL

PARA MANGUERAS INDUSTRIALES  
For Industrial Hoses

Código Code	Medida Size	Material Material
FERRUL-16	1"	Aluminio / Aluminium
FERRUL-20	1.1/4"	Aluminio / Aluminium
FERRUL-24	1.1/2"	Aluminio / Aluminium
FERRUL-24B	1.1/2"	Bronce / Brass
FERRUL-32	2"	Aluminio / Aluminium
FERRUL-32B	2"	Bronce / Brass
FERRUL-40B	2.1/2"	Bronce / Brass
FERRUL-48	3"	Aluminio / Aluminium
FERRUL-48B	3"	Bronce / Brass
FERRUL-64	4"	Aluminio / Aluminium
FERRUL-64B	4"	Bronce / Brass
FERRUL-96B	6"	Bronce / Brass
FERRUL-128B	8"	Bronce / Brass



# COMPOSICIÓN DE LAS MANGUERAS

## HOSE COMPOUNDS

NOMBRE COMÚN	ASTM DESIGNACIÓN	COMPOSICIÓN	PROPIEDADES
Goma Natural	NR	Isopreno	Excelente propiedades físicas, incluyendo la abrasión. No resiste aceites
SBR	SBR	Estireno - Butadieno	Buenas propiedades físicas, incluyendo la abrasión. No resiste aceites
Butyl Rubber	IIR	Isobuteno-Isopreno	Muy buena resistencia a la intemperie. Baja permeabilidad. Buenas propiedades físicas. Baja resistencia a fluidos a base de petróleo.
EPDM	EPDM	Terpolímero de Etileno-Propileno-Dieno	Polímero de uso general. Excelente resistencia al ozono, calor e intemperie. No resiste aceites
Cross Linked Polyethylene	XLPE	Poliétileno	Excelente resistencia a la mayoría de los solventes, aceites y químicos. No confundir con las propiedades químicas del polietileno estándar.
Ultra High Molecular Weight Polyethylene	UHMWPE	Poliétileno de Peso Molecular	Excelente resistencia a la mayoría de los solventes, aceites e hidrocarburos. Excelente resistencia a la abrasión e intemperie. Apto para el contacto con alimentos. No confunda con las propiedades químicas del polietileno estándar.
Teflon	PTFE	Politetra-Fluoroetileno	Excelente resistencia a químicos y solventes. Apto para usar en la mayoría de los materiales. Suave superficie antiadhesiva. Fácil de limpiar.
Nitrile	NBR	Acilonitrilo-Butadieno	Excelente resistencia al aceite. Buenas propiedades físicas.
Neoprene	CR	Cloropreno	Excelente resistencia a la intemperie. Retardante de llama. Buena resistencia al aceite. Buenas propiedades físicas.
Hypalon	CSM	Polietileno Clorosulfonado	Excelente resistencia, al ozono, ácidos e intemperie. Buena resistencia a la abrasión y al calor. Se puede combinar para una buena resistencia al aceite.
Polyurethane	AU	Uretano de Poliéster	Excelente resistencia a la abrasión y al desgaste. No resistente a la hidrólisis.
Viton	FKM	Fluorocarbono	Excelente resistencia a altas temperaturas, particularmente en aplicaciones con aire, o aceite. Muy buena resistencia a los productos químicos.

COMMON NAME	ASTM DESIGNATION	COMPOSITION	PROPERTIES
Natural Rubber	NR	Isoprene Rubber	Excellent physical properties, including abrasion resistance. Not oil resistant.
SBR	SBR	Styrene-Butadiene Rubber	Good physical properties, including abrasion resistance. Not oil resistant.
Butyl Rubber	IIR	Isobutene-Isoprene Rubber	Very good weathering resistance. Low permeability to air. Good physical properties. Poor resistance to petroleum based fluids.
EPDM	EPDM	Ethylene-Propylene-Diene Terpolymer	Good general purpose polymer. Excellent Heat, ozone and weathering resistance. Not oil resistant.
Cross Linked polyethylene	XLPE	Cross Linked polyethylene	Excellent resistance to most solvents, oil, and chemicals. Do not confuse with chemical properties of standard polyethylene.
Ultra High Molecular Weight Polyethylene	UHMWPE	Ultra High Molecular Weight Polyethylene	Excellent resistance to most solvents, chemicals and hydrocarbons. Excellent abrasion and wear resistance. Inert and suitable for food contact. Do not confuse with chemical properties of standard polyethylene.
Teflon	PTFE	Polytetra-Fluoroethylene	Excellent chemical and solvent resistant. Inert to most materials. Smooth anti-adhesive surface. Easy to clean.
Nitrile	NBR	Acrylonitrile-Butadiene	Excellent oil resistance. Good physical properties.
Neoprene	CR	Chloroprene	Excellent weathering resistance. Flame retardant. Good oil resistance. Good physical properties.
Hypalon	CSM	Chloro-Sulfonated Polyethylene	Excellent ozone, weathering and acid resistance. Good abrasion and heat resistance. Can be compounded for good oil resistance.
Polyurethane	AU	Polyester Urethane	Excellent abrasion and wear resistance. Not resistant to hydrolysis.
Viton	FKM	Fluorocarbon rubber	Excellent high temperature resistance, particularly in air, or oil. Very good resistance to chemicals.

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / *Excellent*

**F** Bien / *Fair*

**X** Insatisfactorio / *Unsatisfactory*

**G** Bueno / *Good*

**C** Condicional / *Conditional*

**En Blanco** / *Blank* No Hay Datos Disponibles / *No Data Available*

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND												
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM	
ACETALDEHYDE	F	X	E	E	E	E	C	X	C	F	X	X	
ACETIC ACID, GLACIAL	C	X	G	G	E	E	C	X	F	C	C	X	
ACETIC ACID, 10%	G	F	G	E	E	E	C	E	E	E	X	G	
ACETIC ACID, 50%	X	F	G	E	E	E	C	F	F	E	X	F	
ACETIC ANHYDRIDE	F	X	C	G	E	E	F	X	G	E	F	X	
ACETIC OXYDE	F	X	G	G	E	E	F	X	G	E	F	X	
ACETONE	C	C	E	E	E	E	X	X	C	X	X	X	
ACETONE CYANOHYDRIN	F		E	E				X	G	F	X	X	
ACETONITRILE	G		E	E			E	X	E	G		X	
ACETOPHENONE	C	X	G	E	E	E	X	X	X	X	X	X	
ACETIL ACETONA	X	X	E	E			X	X	X	X	C	X	
CLORURO DE ACETILO	X	X	X	X			E	X	X	C	X	G	
ACETILO OXIDE	F		G	G	E	E	F	X	G	E	F	X	
ACETYLENE	C	F	E	E	E	E	E	E	E	C	C	E	
ACETYLENE DICHLORIDE	X	X	F	C			E	X	X	X		G	
ACETYLENE TERACHLORIDE	X		X	C			X	X	C	X	X		
ACROLEIN	G	F	E	E				F	G	G	X	C	
ACRILONITRILO	C	F	X	E	E	E	G	X	X	C	X	X	
ACRYLIC ACID	X			X			X	X	X	G	C		
ADIPHIC ACID	E		X	C	E	E	G	E	E	G	E	E	
AIR, 300 °F	X	X	G	G			E	G	G	G	C	E	
ALK-TRI	X		X	X			X	X	X	X	X	E	
ALLEY ALCOHOL	E		E	E	E	E		E	E	E		E	
ALIQUE BROMIDE	X		X	X				X	X	X		G	
ALLEY CHLORIDE	X	E	C	X	E	F	G	G	X	X		E	
ALUM	E		E	G	E	E	C	C	E	E	G	E	
ALUMINUM ACETATE	E	X	G	E			E	C	C	F	X	C	
ALUMINUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	C	E	
ALUMINUM FLUORIDE	E	E	E	E	E	E	E	E	E	E	C	E	
ALUMINIUM FORMAT	X		G	E				X	E	X	X	X	
ALUMINIUM HYDROXIDE	E	G	E	E	E	E	E	E	E	E	G	E	
ALUMINIUM NITRATE	E	E	E	E			E	E	E	E	C	E	
ALUMINIUM SULFATE	E	G	A	E	E	E	C	E	G	E	C	E	
AMINES-MIXED	C	G		G			G	X	C	X	X	X	
AMINO BENZENE	X	X	E	C	E	E	E	X	X	C	X	E	
AMINODIMETHILBENZENE	X		G	C				C	X	F		X	
AMINOETHANE	C	X	G	E	E	E	E	C	C	F	X	X	
AMINOXYLENE	X		G	E			G	C	X	X	X	F	
AMMONIUM CARBONATE	E	E	E	E			C	C	E	C	C	E	
AMMONIUM CHLORIDE	E	E	E	E	E	E	E	G	E	E	G	E	
AMMONIUM HYDROXIDE	G	X	G	E	E	E	E	C	E	E	C	G	
AMMONIUM NITRATE	E	E	E	E	E	C	E	E	E	E	C	E	
AMMONIUM PHOSPHATE	E	E	E	E	E	E	C	E	E	E		E	
AMMONIUM SULFATE	E	G	E	E	E	E	C	E	E	E	E	E	
AMMONIUM SULFIDE	E	G	E	E	E	E	C	C	E	E		X	
AMMONIUM THIOSULFATE	E		E	E				C	E	E	X	E	
AMYL ACETATE	C	X	G	C	E	E	X	X	X	X	X	X	
AMYL ACETONE	X		G	G				X	X	X		X	
AMYL ALCOHOL	C	G	E	E	E	E	E	C	C	E	X	E	
AMYL BROMIDE	X		X	C				X	X	X		G	
AMYL CHLORIDE	X	X	X	X	E	E	X	X	X	F	E		
AMYL ETHER	X		X	X				C	X	F			
AMYLAMINE	F		G	X				F	C	F		C	
ANETHOLE	X		X	X				X	X	X		G	
ANILINE	X	X	E	C	E	E	E	X	X	C	X	E	
ANILINE DYES	C	G	G	C	E	E	C	X	C	G	X	G	
ANILINE OIL	X	X	G	C	E	E	G	X	X	C	X	F	

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco / Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
ANIMAL FATS	X	X	C	C	E	E	E	E	C	F	F	E
ANTIMONY PENTACHLORIDE	X			C	E	E		X	C	X	E	
AQUA REGIA	X	X	C	C	X	X	C	X	X	C	X	E
ARGON	X	C	G	E			E	E	G	X	C	E
ARSENIC ACID	E	E	E	E	E	E	E	E	E	E	C	E
ASPHALT	X	X	X	X	E	E	E	C	C	F	C	E
ASTM FUEL A	X	X	X	X			F	E	C	C	E	E
ASTM FUEL B	X	X	X	X			X	C	X	X	C	E
ASTM FUEL C	X	X	X	X			X	C	X	X	X	E
ASTM OIL NO. 1	X	X	X	X	E	E	E	E	E	C	E	E
ASTM OIL NO. 2	X	X	X	X	E	E	G	E	C	X	C	E
ASTM OIL NO. 3	X	X	X	X	E	E	G	E	C	C	C	E
ASTM OIL NO. 4	X	X	X	X			G	C	X	X	X	E
AUTOMATIC TRANSMISSION FLUID	X	X	X	X			C	E	C	C	C	E
BANANA OIL	X		C	C			X	X	X	C	X	X
BARIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
BARIUM HYDROXIDE	E	E	E	E	E	E	E	E	E	E	E	E
BARIUM SULPHIDE	E	G	E	E	E	E	E	E	E	E	E	E
BEER	E	E	E	E	E	E	E	E	E	E	C	E
BEET SUGAR LIQUORS	E	E	E	E	E	E	E	E	C	E	X	E
BENZAL CHLORIDE			G					X				
BENZALDEHÍDO	X	X	G	E	E	E	C	X	X	X	X	X
BENZENE	X	X	X	C	E	F	C	X	C	C	X	E
BENZENE CARBOXYLIC ACID	X		E	C			E	X	E	C	X	E
BENZINE		X	X	X	E	E	F	E	C	C	F	E
BENZOIC ACID	X	X	C	C			C	X	E	C	X	E
BENZOL	X	X	X	C	E	F	C	X	C	C	X	E
BENZOTRICHLORIDE	X			E			E	X	X	X		
BENZYL ACETATE	X		E	E				X	E	G	X	X
BENZYL ALCOHOL	X	X	E	C			E	X	C	C	X	E
BENZYL CHLORIDE	X	X	X	X			E	X	X	X	X	C
BENZYL ETHER	X	X	G	C			F	X	X	X	C	X
BLACK SULFATE LIQUOR	G	G	G	G	E	E		G	G	G	X	E
BLEACH	C	X	E	E	G	F	E	X	C	E	C	G
BORAX SOLUTION	C	G	E	E	E	E	E	C	E	E	E	E
BORIC ACID	E	E	E	E	E	E	E	E	E	E	E	E
BRAKE FLUID	X	E	E	E			E	C	C	C	X	X
BRINE	E		E	E	E	E	E	E	E	E	G	E
BROMACIL												
BROMOBENZENE	X	X	X	X			X	X	X	X	X	E
BROMOCHLOROMETANE	X		C	G	F	F		X	X	X		F
BROMOETHANE	C	X	C	X	E	E	E	C	X	X	X	E
BROMOTOLUENE	X		X					X		X		G
BUNKER OIL	X	X	X	X			E	E	G	C	C	E
BUTADIENE	X	X	X	X	E	E	C	X	X	G	X	E
BUTANE	X	X	X	X	E	E	C	E	E	C	E	E
BUTANOIC ACID	C		X	C			E	C	X	C	C	E
BUTANOL	E	E	C	C	E	E	E	E	E	E	X	E
BUTANONE	X	X	E	E	E	E	X	X	X	X	X	X
BUTOEXETHANOL	X		C	E			F	C	X	G	X	X
BUTYL ACETATE	X	X	C	C	E	E	X	X	X	X	X	X
BUTYL ACRYLATE	X	X	X	C	E	E	X	X	X	X		X
BUTYL ALCOHOL	E	E	C	C	E	E	E	E	E	E	X	E
BUTYL ALDEHYDE	X	X	C	C	E	E	X	X	X	X	C	X
BUTYL, BENZYL, PHTHALATE	X		E	E	E	E		X	E	X	X	F
BUTYL CARBITOL	X	X	E	E			C	X	X	C	X	F
BUTYL CELLOSOLVE	X	X	C	C	E	E	F	C	X	G	X	X

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco / Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
BUTYL CHLORIDE	X		F	X				X	X	X	E	E
BUTYL ETHER	X	X	C	C	E	E	X	X	C	X	C	X
BUTYL ETHER ACETALDEHYDE	X		G	X				X	X	X		X
BUTYL ETHYL ETHER	X		X	F				G	X	C		
BUTYL OLEATE	X	X	C	C			C	X	X	X		E
BUTYL PHTHALATE	X	X	G	E	E	E	C	X	X	X	X	F
BUTYL STEARATE	X	X	C	X	E	E	C	C	X	X	G	E
BUTYLENE	X	X	X	X			C	C	C	C	C	E
BUTYRALDEHYDE	X	X	C	C	E	E	X	X	X	X	C	X
BUTYRIC ACID	C	X	X	C	E	E	E	C	X	C	C	G
BUTYRIC ANHYDRIDE	F		F	E				C	G	G	X	
CADMIUM ACETATE	X		E					X		E		X
CALCIUM ALUMINATE	E		E					E		E		E
CALCIUM BICHROMATE			E	E				C	E	F		
CALCIUM BISULFIDE	X	G	X	E			E	C	E	F	C	E
CALCIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
CALCIUM HYDROXIDE	E	E	E	E	E	E	E	E	E	E	C	E
CALCIUM HYPOCHLORITE	C	X	E	E	E	E	E	C	C	E	C	E
CALCIUM NITRATE	E	E	E	E			E	E	E	E	E	E
CALCIUM SULFIDE	C	X	E	E			E	E	E	E	C	E
CALCIUM ACETATE	E	X	E	E			C	C	C	C	X	E
CAPRYLIC ACID	C		F					F		G		
CARBAMIDE	E		E	E	E	E	F	G	G	E	G	E
CARBITOL	G	E	C	C	E	E	E	C	C	C	X	E
CARBOLIC ACID PHENOL	C		C				E			C	C	
CARBON DIOXIDE	G	G	E	G	E	E	E	E	G	E	E	E
CARBON DISULFIDE	X		X	X	C	C	C	X	X	X	C	E
CARBON MONOXIDE	C	G	E	E	E	E	E	E	C	C	E	E
CARBON TETRACHLORIDE	X		X	X	E	E	X	X	X	X	C	E
CARBONIC ACID	E	G	E	E	E	E	E	C	E	E	E	E
CASTOR OIL	E	E	C	C	E	E	E	E	E	E	E	E
CAUSTIC SODA	E	E	E	G	E	E	E	C	G	E	C	E
CELLOSOLVE ACETATE	C	X	C	G	E	E	C	X	X	X	C	X
CELLUGUARD	E	E	E	E			E	E	E	E	X	E
CETYLIC ACID	C	G	C	C	E	E	E	E	G	C	C	E
CHINA WOOD OIL	X	X	C	X	E	E	E	E	C	C	C	E
CHLORINATED SOLVENTS	X	X	X	X	E	E	C	X	X	X	X	E
CHLORO-2-PROPANONE	X		C				C			X	X	
CHLOROACETIC ACID	X	X	C	C	E	E	C	X	X	G	X	G
CHLOROACETONE	X	X	C	E	E	E	C	X	X	X	X	X
CHLOROBENZENE	X	X	X	X	E	E	C	X	X	X	X	E
CHLOROBUTANE	X		F	X				X	X	X	E	E
CHLORODANE	X	X	X	X			C	C	C	C	C	E
CHLOROETHYL BENZENE	X		X	X				C	X	X	C	
CHLOROFORM	X	X	X	X	F	F	E	X	X	X	X	E
CHLOROPENTANE	X		X	X			C	X	X	X	F	E
CHLOROSULFONIC ACID	X	X	X	X	F	X	C	X	X	X	X	X
CHLOROTOLUENE	X	X	X	X			C	X	X	X	X	E
CHLOROX	X	X	C	G			E	C	C	C	X	E
CHROME PLATING SOLUTIONS	X	X	C	C			E	X	X	X	X	E
CHROMIC ACID	C	X	C	C	E	E	E	X	X	E	C	E
CHROMIUM TRIOXIDE	X	X	G	C			E	X	X	E	X	C
CINNAMENE	X	X	X	X			X	C	X	X	C	G
CIS-9-OCTADECENOIC ACID	X	X	X	C	E	E	E	G	C	C	C	E
CITRIC ACID	E	E	E	E	E	E	E	E	E	E	E	E
COAL TAR OIL	X	X	X	X	E	E	E	E	G	F	F	E
COAL TAR	X	X	X	X	E	E	C	C	C	C	C	E

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

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**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
COAL TAR NAPHTHA	X		X	X	E	E	E	X	X	X	G	E
COCONUT OIL	X	X	C	C	E	E	C	E	C	C	C	E
COKE OVEN GAS	C	X	C	X	E	E	C	X	X	C	X	E
COOLANOL	X	X	X	X			E	E	C	C	X	E
COOPER CHLORIDE	E	E	E	E	E	E	E	E	C	C	E	E
COPPER CYANIDE	E	E	E	E	E	E	G	E	E	E	E	E
COPPER HYDRATE	F		E					G		G		F
COPPER HYDROXIDE	F		E					G		G		F
COPPER SULFATE	C	G	C	E	E	E	E	E	E	E	C	E
CORN OIL	X	X	C	C	E	E	E	E	C	C	E	E
COTTONSEED OIL	X	X	C	C	E	E	C	E	C	C	E	E
CREOSOTE	X	X	X	X	E	E	C	C	C	X	C	E
CRESOLS	X	X	X	X	E	E	E	X	X	X	X	E
CRESYLIC ACID	X	X	X	X	E	E	C	X	X	X	X	E
CROTONALDEHYDE	X	F	E	E	E	E		X	X	X	X	X
CRUDE OIL	X	X	X	X	E	E	C	C	C	C	E	E
CUMENE	X	X	X	X			C	X	X	X	X	E
CUPRIC CARBONATE												E
CUPRIC HYDROXIDE	F		E					G		G		F
CUPRIC NITRATE	G		E	C	E	E	G	C	E	E	G	E
CUPRIC SULFATE	C	G	C	E	E	E	E	E	E	E	C	E
CIUTTING OIL	C	X	X	X			C	E	C	C	E	E
CYCLOHEXANE	X	X	X	X	E	E	C	E	X	C	C	E
CYCLOHEXANOL	C	X	X	X	E	E	C	G	C	C	F	E
CYCLOHEXANONE	X	X	C	C	E	E	C	X	X	X	X	X
CYCLOPENTANE	X		X	X			C	G	C	X	E	E
CYCLOPENTANOL												G
CYCLOPENTANONE	X		X					X		X		X
CYCLOPENTIL ALCOHOL				C				X	F			
D-FURALDEHYDE	X		C	E			C	G	F	C	C	
DDT IN KEROSENE	X	X	X	X			X	E	C	C	G	E
DECAHYDRONAPHTHALENE	X	E	X	X	E	E	C	X	X	X	X	X
DECALIN	X	E	X	X	E	E	C	X	X	X	X	X
DECYL ALCOHOL	X		X	X				E	X	C	E	G
DECYL ALDEHYDE	X		F	X				X		X		X
DECYL BUTYL PHTHALATE	X		E					X		X		F
DETERGENT, WATER SOLUTION	E	G	E	E	E	E	E	E	C	C	G	E
DEVELOPING FLUID	E	G	C	C			E	E	E	E	E	E
DEXTRON	X	X	X	X			E	E	C	X	C	E
DI (2ETHYLLHEXYL) ADIPATE	X		E	G	G	G		X	X	X		F
DI (2ETHYLLHEXYL) PHTHALATE	X	X	C	C	E	E	C	X	X	X	C	G
DI-ISO-BUTYLENE	X	X	X	X	E		C	C	C	X	X	E
DI-ISO-DECYL PHTHALATE	X		E	E				X	X	X		F
DI-ISO-PROPANOLAMINE	G		E	E				G	G	F		
DI-ISO- PROPYL ETHER	X		X	X	E	E	X	G	C	C	G	X
DI-ISO- PROPYL KETONE	X	X	E	E	E		C	X	X	X	X	X
DI-P-MENTHA-1,8-DIENE	X		X	X				C	X	X		E
DIACETONE ALCOHOL	X	X	E	E	E	E	X	X	F	C	X	X
DIACETHYLMETHANE		X	E	E			X	X	X	X	F	X
DIAMMONIUM ORTHOPHOSPHATE				E				E	E			
DIAMYL NAPHTHALENE	X		E		E	E				X		
DIAMYLAMINE	G	X	E	E			E	G	C	C	E	X
DIAMYLENE	X		X	X					X	X		E
DIAMYLPHENOL	X		X		E	E		X		X		E
DIBENZYL ETHER	X	X	C	C			C	X	X	X	C	X
DIBROMOBENZENE	X		X	X				X	X	X		E
DIBROMOMETHANE	X		X	C			G	X	X	X	C	E

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco** / Blank No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND												
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM	
DIBUTYL ETHER	X	X	C	C	E	E	X	X	C	X	C	X	
DIBUTYL PHTHALATE	X	X	C	C	E	E	C	X	X	X	C	C	
DIBUTYL SEBACATE	X	X	C	C	E	E	C	X	X	X	X	E	
DIBUTYLAMINE	X	X	X	F			C	X	C	C	X	X	
DICALCIUM PHOSPHATE	E		E	E				E	E	E		E	
DICHLOROETHYLENE	X		C	C	F	F	C	X	X	X	X	E	
DICHLOROACETIC ACID	X	X	C	X	E	E		X	X	X	C	X	
DICHLOROBENZENE	X	X	X	X			X	X	X	X	X	E	
DICHLOROBUTANE	X	X	X	X			C	C	X	X	X	E	
DICHLORODIFLUOROMETHANE	C	E	C	C	E	G	X	C	C	C	C	G	
DICHLOROETHANE	X	X	C	X	E	E	C	X	X	X	X	E	
DICHLOROETHYL ETHER	X		X	X			E	X	X	X			
DICHLOROHEXANE	X		X	X				X	X	X		E	
DICHLOROMETHANE	X	X	X	X			C	X	X	X	X	G	
DICHLOROPENTANE	X	X	X	X				X	X	X	X	E	
DICHLOROPROPANE	X		X	X	G	G		F	X	X	C	E	
DICHLOROPROPENE	X		X	X	G	G		C	X	X	C		
DIESEL OIL	X	X	X	X	E	E	E	E	C	C	C	E	
DIETHANOL AMINE	G	X	E	G			E	C	G	F	C	X	
DIETHYLBENZENE	X	X	X				C			X	X	E	
DIETHYL ETHER	X	X	X	X	E	E	X	X	X	X	C	X	
DIETHYL KETONE	X		G	G	E	E		X	X	X			
DIETHYL OXALATE	F		X	X				X	X	X			
DIETHYL PHTHALATE	X		X	F	E	E		X	X	X	C	F	
DIETHYL SEBACATE	X	X	G	F			C	C	X	F	X	G	
DIETHYL SULFATE	X	E	C	E			C	X	E	X	X	X	
DIETHYL AMINE	C	G	C	C	E	E	C	C	C	C	C	X	
DIETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	X	E	
DIETHYLENE OXIDE	X		X	E			X	X	X	X	C	X	
DIETHYLENETRIAMINE	G	X	E	E			E	G	X	F		X	
DIHYDROXY SUCCINIC ACID	E		G	G			E	G	G	E	E	E	
DIHYDROXYDIETHYL ETHER	E		E	E	E	E	E	E	E	E	X	E	
DIISOBUTYL KETONE	X	X	G	E	E	E	C	X	X	X	X	E	
DIISODECYL PHTHALATE	X		E	E	E	E		X	X	X		F	
DIISOOCTYL ADIPATE	X		E	E				X	X	X		F	
DIISOOCTYL PHTHALATE	X		E	G	E	E		X	X	X		F	
DIMETHYL CARBINOL	E		E	E	E	E	E	C	G	E	X	E	
DIMETHYL KETONE	C	F	E	E	E	E	X	X	C	X	C	X	
DIMETHYL PHTHALATE	X	X	C	C	E	E	C	X	X	X	X	E	
DIMETHYL SULFATE	X		G	X	E	E		X	X	X	G	X	
DIMETHYL SULFIDE	X		F	X				X	X	X			
DIMETHYLAMINE	G	X	G	E	E	E		F	X	X	X	X	
DIMETHYLANILINE	X	X	G	E			G	X	X	X	X	X	
DIMETHYLBENZENE	X	X	X	X			X	X	X	X	C	E	
DIMETHYLBUTANE	X		X				X			X	G		
DIOXANE	X	X	C	C	E	E	X	X	X	X	X	X	
DIPENTENE	X	X	X	X			C	C	X	X	X	E	
DIPENTYLAMINE	G	X	E	E			E	G	C	C	E	X	
DIPROPYLAMINEOLAMINE													
DIPROPYLENE GLYCOL	E		E	E				E	E	E		E	
DISODIUM PHOSPHATE	E		E	E				E	E	E	E	E	
DIVINYLBENZENE	X	X	X	X				X	X	X	X	E	
DOWTHERMN, A AND F	X	X	X	X			C	X	X	C	X	F	
DRY CLEANING FLUIDS	X	X	X	X			G	C	X	X	X	E	
ETHANOIC ACID		G		C	E	E		C	C			X	
ETHANOL	E	E	E	E	E	E	E	C	E	E	C	E	
ETHANOLAMINE	C	X	C	E			E	C	C	C	C	X	

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

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**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco / Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
ETHERS	X	X	X	X	E	E	X	F	X	X	C	X
ETHYL ACETATE	X	X	C	C	E	E	X	X	X	X	C	X
ETHYL ACETOACETATE	C	F	C	C			X	X	X	X	C	X
ETHYL ACETONE	X		G	G				X	X	X		X
ETHYL ACRYLATE	X	X	C	C			C	X	X	X	X	X
ETHYL ALCOHOL	E	E	E	E	E	E	E	C	E	E	C	E
ETHYL ALDEHYDE	C		E	E	E	E	C	X	X	F	F	X
ETHYL ALUMINIUM DICHLORIDE	X		X					X		X		G
ETHYL BENZENE	X	X	X	X	E	E	F	X	X	X	X	E
ETHYL BROMIDE	C	X	X	X	E	E	E	C	X	X	X	E
ETHYL BUTYL ACETATE	X		E					X		G		X
ETHYL BUTYL ALCOHOL	E		E							E		G
ETHYL CELLULOSE	C	G	C	C	E	E	E	C	C	C	C	X
ETHYL CHLORIDE	C	G	E	C	E	E	G	E	X	C	C	E
ETHYL DICHLORIDE	X	X	F	X	E	E	E	X	X	X	X	G
ETHYL ETHER	X	X	X	X	E	E	X	X	X	X	C	X
ETHYL FORMATE	X	X	C	C			E	X	C	C		E
ETHYL IODIDE	X		F	F	E	E		X	X	X		G
ETHYL OXALATE	E	X	X	E			E	X	X	X	E	E
ETHYL PHTHALATE	X		X	F	E	E		X	X	X	C	F
ETHYL SILICATE	C	G	E	E			E	E	E	C	X	E
ETHYL-N-BUTYL KETONE	X		G	G				X	X	X		X
ETHYL-1 BUTANOL	E		E	E				E	E	E		
ETHYLAMINE	G	X	G	E			E	G	C	F	X	X
ETHYLENE CHLOROHYDRIN	C	G	C	C			E	X	C	C	X	E
ETHYLENE DIAMINE	C	G	E	E	E	E	G	C	E	C	X	X
ETHYLENE DIBROMIDE	X	X	C	C	F	F	G	X	X	X	X	G
ETHYLENE DICHLORIDE	X	X	C	X	F	F	C	X	X	X	X	E
ETHYLENE GLYCOL MONOETHYL ACETATE												E
ETHYLENE GLYCOL MONOBUTYL ETHER	X	X	E	E	E	E	G	F	X	C	X	X
ETHYLENE GLYCOL MONOETHYL ETHER	X		C	C	E	E	C	C	X	X	X	X
ETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	C	E
ETHYLENE OXIDE	X	X	C	C	E	E	X	X	X	X	X	X
FATTY ACIDS	X	X	C	X	E	G	E	C	C	C	G	E
FERRIC BROMIDE	E		E					E		E		E
FERRIC CHLORIDE	E	E	E	E		E	E	E	C	C	E	E
FERRIC NITRATE	E	E	E	E		E	E	E	E	E	E	E
FERRIC SULFATE	E	E	E	E		E	E	E	E	E	E	E
FERROUS ACETATE	X		E	G				X	X	E		X
FERROUS CHLORIDE	E		E	E		E	E	E	E	E	E	E
FERROUS SULFATE	E	E	E	E		E	E	E	E	E	E	E
FLUOROBORIC ACID	E	E	C	E	E	E		E	E	E	X	E
FLUORINE	X		X	E	G	G		X	X	X	X	E
FLUROSILICIC ACID	E	G	E	E	E	E	E	E	E	E	C	E
FORMALDEHYDE	C	G	C	C	E	E	C	C	C	C	C	E
FORMALIN	C	G	C	E	E	E	C	G	G	C	C	E
FORMIC ACID	C	E	E	E	E	E	C	C	C	E	X	C
FREON 113	C	G	X	X			X	E	E	C	C	E
FREON 12	X	E	X	C	F	G	X	C	C	E	E	E
FREON 22	C	E	C	C	F	E	X	X	E	E	X	X
FUEL A	X		X	X			F	E	C	C	E	
FUEL B	X		X	X			X	C	X	X	C	
FUEL OIL	X	X	X	X	F	F	C	F	C	C	C	F
FURAN	X	X	X	X	E	E		X	X	X		
FURFURAL	X	X	E	C	E	E	E	X	X	X		X
FURFURAN	X	X	X	X	E	E	C	X	X	X	X	X
FURFURYL ALCOHOL	X	X	C	C	E	E	G	X	X	X	X	X



# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

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**G** Bueno / Good

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**En Blanco** / **Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
GALLIC ACID	E	G	C	C	E	E	E	C	C	C	X	E
GALLOTANNIC ACID	E		G	E			E		E	E	E	E
GAS, COAL											G	
GASOLINE	C	X	C	X	E	E	C	E	X	C	C	E
GLACIAL ACRYLIC ACID	X		X	X			X	X	X	G	C	
GLUCONIC ACID	X		F	E				C	E	G		
GLUCOSE	E	E	E	E	E	E	E	E	E	E	E	E
GLYCERINE	E	E	E	E	E	E	E	E	E	E	G	E
GLYCEROL	E	E	E	E	E	E	E	E	E	E	G	E
GLYCOGENIC ACID	X		F	E				F	E	G		
GLYCOLS	E	E	E	E	E	E	E	E	E	E	C	E
GLYCONIC ACID	X		F	E				F	E	G		
GLYCYL ALCOHOL												
GREASE	X	X	X	X			G	E	F	C	E	E
GREEN SULPHATE LIQUOR	C	G	E	E			E	C	C	G	E	E
HELIUM	E	E	E	E			E	E	E	E	E	E
HEPTALDEHYDE	X	X	C	C			C	E	C	X	C	
HEPTANAL	X	X	C	C			C	E	C	X	C	
HEPTANE	X	X	X	X		E	C	E	C	C	C	F
HEPTANOIC ACID	X		X	X				E	C	C	E	
HEXADECANOIC ACID	E	G	G	G	E	E		E	X	X	E	E
HEXALDEHYDE	X	X	C	C	E	E	C	X	C	C	C	X
HEXANE	X	X	X	X	E	E	C	E	C	C	C	E
HEXANOL	E	E	C	C	E	E	E	C	C	C	C	E
HEXENE	X	X	X	X			X	C	C	C	C	E
HEXYL ALCOHOL	E	E	C	C	E	E	E	C	C	C	C	E
HEXYL METHYL KETONE	X		G	G				X	C	X	X	X
HEXYLAMINE	F		G	G				F	G	F		
HEXYLENE GLYCOL	E		E	F				C	E	E	X	E
HISTOWAX	X		X							C	E	
HYDRAULIC & MOTOR OIL	X	X	C	C	E	E	E	C	C	C	C	E
HYDRAZINE	C	G	C	E			E	C	C	C	X	X
HYDROBROMIC ACID	E	X	E	E	E	E	E	X	C	E	X	E
HYDROCLORIC ACID	C	X	C	C	C	C	E	C	C	C	C	E
HYDROCYANIC ACID	C	G	C	E			E	C	C	E	C	E
HYDROFLUORIC ACID	C	X	C	C	E	E	E	C	C	E	C	G
HYDROFLUOSILICIC ACID	E	G	E	E	E	E	E	X	C	E	F	E
HYDROGEN CHLORIDE ANHYDROUS	X	X	E	E			E	X	C	E		E
HYDROGEN DIOXIDE	G		G	G			E	F	F	C	G	E
HYDROGEN GAS	C	G	E	E	E	E	E	E	E	E	E	E
HYDROGEN PEROXIDE OVER 10%	C	X	C	C	C	F	C	X	X	C	C	E
HYDROGEN PEROXIDE 10%	G	X	G	G	E	E	E	F	F	C	G	E
HYDROGEN SULFIDE	X	X	E	E	E	E	E	X	E	G	C	X
HYDROXY BENZENE	C		C	C			E	X	X	C	X	E
HYDROXYISOBUTYRONIRILE	C		E	E				C	G	F	X	
HYDROXYTOLUENE	X	X	C	C			E	X	C	C	X	E
IMINODI-2-PROPANOL	G		E	E				G	G	F		
IMINODIETHANOL	C	X	C	G			E	C	G	F	C	X
IODINE	X	G	C	C	C	E	E	E	C	C	C	E
IODINE PENTAFLUORIDE	X	X	X	X			X	X	X	X	X	X
IODIFORM	X		X	E			X	E	X	X	C	
ISO-BUTANAL	X	G		G	E	E	X	X	F		X	X
ISO-BUTYLAMINE	F		E	G				X	X	F		X
ISO-BUTYLBROMIDE	X		X	X				X	X	X		G
ISO-BUTYLCARBINOL	X		E	E			E	E	E	E	F	E
ISOCYANATES	F		G	G	E	E	F	C	X	F	G	G
ISOCTANE	X	X	X	X	E	E	F	E	C	C	C	E



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MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
MIL-L-6082		X										E
MIL-L-6085	X	X	X	X				C	X	X	C	E
MIL-L-7808	X	X	X	X			E	G	X	X	X	E
MIL-L-7870	X	X	X	X				E	C	X	C	E
MIL-L-9000	X	X	X	X				E	C	C	C	E
MIL-L-9236	X	X	X	X				C	X	X	X	E
MIL-P-27402		G	E	E				C	C	C		
MIL-R-25576	X		X				E			C	E	
MIL-S-3136 TYPE 1 FUEL	X	X	X	X				E	C	C	G	E
MIL-S-3136 TYPE 2 FUEL	X	X	X	X				C	X	X	C	E
MIL-S-3136 TYPE 3 FUEL	X	X	X	X				G	X	X	C	E
MIL-S-3136 TYPE 4 OIL LOW SWELL	X	X	X	X				E	X	C	E	E
MIL-S-3136 TYPE 5 OIL MED SWELL	X	X	X	X				E	G	G	E	E
MIL-S-3136 TYPE 5 OIL HI SWELL	X	X	X	X			E	E	X	C	E	E
MIL-S-81087	E	E	E	E				E	E	E	E	
MINERAL OIL	X	X	C	X	E	E	E	E	C	C	E	E
MINERAL SPIRITS	X	X	X	X				C	C	G	C	E
MOBILE HF A	X	X	X	X			E	E	C	X	G	E
MOLTEN SULFUR	G		G	E				G	E	E	G	E
MONO-CHLOROACETIC ACID	C	X	G	G	E	E	X	X	C	G		
MONOBUTHYL ETHER	X	X	C	C				G	C	C	C	X
MONOCHLOROBENZENE	X	X	X	X	F	F	C	X	X	X	X	E
MONOCHLORODIFLUOROMETHANE	C	E	C	C	E	E	X	X	C	E	X	C
MONOETHANOL AMINE	C	G	C	C			E	G	G	C	C	X
MONOETHYL AMINE	C	F	C	E			E	C	C	F	X	X
MORPHOLINE	X		C	C				X	X	X	C	
MOTOR OIL 40W	X		X	X				E	C	C	G	E
MTBE			G				G	X	X			
MURIATIC ACID	C	X	C	F				C	C	C	C	E
N-BUTANAL	X	X	C	C	E	E	X	X	X	X	C	X
N-BUTYLAMINE	X	X	C	C			C	C	X	X	X	X
N-BUTYLBENZENE	X		X	X				X	X	X		G
N-BUTYLBUTYRATE	X	X	E	E			E	X	X	X		E
N-BUTYLCARBINOL	E		E	E	E	E	E	E	E	E	X	G
N-NONYL-ALCOHOL	E		E	E				E	E	E		G
N-OCTANE	X	X	X	X	E	E	C	C	G	X	X	E
NAPHTHA	X	X	X	X	E	E	E	C	X	C	F	E
NAPHTHALENE	X	X	X	X	E	E	F	X	X	X	C	E
NAPHTHENIC ACID	X	X	X	X			E	C	X	X		E
NATURAL GAS	C	F	X	X	E	E	E	E	E	E	F	E
NEOHEXANE	X		X	X				E	G	X	X	E
NEON GAS	E	E	E	E			E	E	E	E	E	E
NEU-TRI	X		X					X		X		E
NICKEL ACETATE	E	X	E	E			X	C	G	X	X	X
NICKEL CHLORIDE	E	E	E	E	E	E	E	E	C	E	C	E
NICKEL NITRATE	E		E	E	E	E			E	E	C	E
NICKEL SULFATE	C	G	E	E	E	E	E	E	E	E	E	E
NITRIC ACID, CONC	X		X	X			C	X	X	X	X	
NITRIC ACID, RED FUMING	X	X	X	X	X	X	F	X	X	X	X	E
NITRIC ACID 10%	X	X	E	E	E	E	E	X	G	E	X	E
NITRIC ACID, 13N	X						C	X	X		X	
NITRIC ACID, 13N + 5%	X						C	X	X		X	
NITRIC ACID, 20%	X	X	G	E	E	E	E	X	X	E	X	E
NITRIC ACID, 30%	X	X	F	F	G	G	E	X	X	E	X	E
NITRIC ACID, 30% - 70%	X	X	F	X	F	F	G	X	X	C	X	E
NITRILOTRIETHANOL	C	G	E	E	E	E	E	F	C	C	X	X
NITROBENZENE	X	X	F	C	E	E	E	X	X	X	X	G

# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco** / **Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
NITROETHANE	G	G	G	C			C	X	C	G	X	X
NITROGEN	E	E	E	E	E	E	E	E	E	E	E	E
NITROMETHANE	G	C	G	C			C	X	C	C	X	X
NITROUS OXIDE GAS				E			F	E	G			E
NONANOIC ACID	X		E		E	E		E		X		
NONANOL	E		E	E				E	E	E		
OCTANOIC ACID	F		F				G	F		G		
OCTANOL	C	E	C	C			E	C	C	C	X	E
OCTYL ACETATE	C	X	E	G	E	E		C	C	E	X	
OCTYL ALCOHOL	C	E	C	C			E	C	C	C	X	G
OCTYL ALDEHYDE	X		F		E	E		X		X		X
OCTYL AMINE	F		E	G				F	G	F		X
OCTYL CARBINOL	E		E	E				E	E	E		G
OCTYLENE GLYCOL	E		E	E				E	E	E		E
OIL-PETROLEUM		X			G	G						E
OLEIC ACID	X	X	X	X	E	E	E	G	F	C	C	E
OLEUM	X	X	X	X	X	E	X	X	X	X	X	G
OLIVE OIL	X	X	C	G			E	E	G	C	E	E
ORTHO-DICHLOROBENZENE	X	X	X	X			X	X	X	X	X	E
ORTHO-DICHLOROBENZOL	X	X	X	X			X	X	X	X	X	E
ORTHOXYLENE	X	X	X	X			X	X	X	X	C	E
OXALIC ACID	C	G	E	E	E	E	E	G	G	E	C	E
OXYDIETHANOL												
OZONE	X	X	G	E	E	E	E	X	F	G	G	E
P-CYMENE	X		X	X			F	X	X	X	C	E
PAINT THINNER	X	X	X	X			F	X	X	X	C	E
PALMITIC ACID	C	G	C	C	E	E	E	E	G	C	C	E
PAPERMAKERS ALUM												
PARA-DICHLOROBENZENE	X	X	X	X			C	X	X	X	X	E
PARAFFIN WAX	X		X	X				E	G	E	E	E
PARALDEHYDE	F		E	E				C	G	X	X	X
PARAXYLENE	X		X	X			X	X	X	X	C	E
PELARGONIC ALCOHOL	E		E	E	E	E		E	E	E		
PENTACHLOROETHANE	X		X					X	X	X	C	E
PENTADIONE												
PENTAMETHYLENE	X		X	X			C	G	C	X	E	E
PENTANE	X	X	X	X	E	E	E	E	E	C	X	E
PENTANOL	E		E	E	E	E	E			E	X	G
PENTANONE	X		G	G				X	X	X		X
PENTASOL	X	G	E	G	E	E	E	C	G	E	X	G
PENTYL ACETATE	C	X	X	C	E	E	X	X	X	X	X	X
PENTYL ALCOHOL	C	G	C	E	E	E	E	C	C	E	X	E
PENTYL BROMIDE	X		X	C				X	X	X		G
PENTYL CHLORIDE	X	X	X	X	E	E	E	X	X	X	F	E
PENTYL ETHER	X		X	X				C	X	F		
PENTYLAMINE	F		G	X				F	F	F		X
PERCHLORIC ACID	C	X	C	G	E	E	E	X	E	C	C	E
PERCHLOROETHYLENE	X	X	X	X	E	E	X	F	X	X	X	E
PERCHLOROMETHANE	X		X	X			X	X	X	X	X	
PETROLEUM CRUDE	X	X	X	X	E	E	E	G	G	E	G	E
PETROLEUM ETHER	X	X	X	X			G	E	X	C	G	E
PETROLEUM OILS	X	X	X	X	E	E		X	G	G	G	E
PHENBO												
PHENOL	C	X	C	X	E	E	E	X	X	C	X	E
PHENOLSULFONIC ACID	C	X	G	E				C	C	C	X	C
PHENYLAMINE	X		E	C	E	E		X	X	C	X	E
PHENYLBROMIDE	X		X				X			X	X	G

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MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
PHENYLAMETHANE	X		X	X	E	E	X	X	X	X	X	E
PHENYLMETHANOL	X		E	C			E	X	C	C	X	E
PHENYLMETHYL ACETATE												X
PHOSPHATE ESTERS	X	X	E	E			E	X	X	X	X	C
PHOSPHORIC ACIDS, 10%	E	E	E	E	E	E	E	E	E	E	E	E
PHOSPHORIC ACIDS, 10%-85%	G	G	E	E	E	E	E	G	G	E	G	E
PHOSPHORUS TRICHLORIDE	X	X	E	E	E	E	E	X	X	X		E
PICRICACID, H2O SOLUTION	C	G	G	E			G	E	E	E	G	E
PINE OIL	X	X	X	X	E	E	E	E	X	X	E	E
PINENE	X	X	X	X			E	C	C	X	C	E
POLYETHYLENE GLYCOL E-400	E		E	E			E	C	G	E		E
POLYOL ESTER				X				G	X			
POLYPROPYLENE GLYCOL	E		E		E	E	E	E	E	E		E
POTASSIUM ACETATE	E	X	E	E			E	C	E	E	X	C
POTASSIUM BISULFATE	E	G	E	E				E	E	E	X	E
POTASSIUM BISULFITE	E	G	E	E				E	E	E	E	E
POTASSIUM CARBONATE	E	E	E	E	E	E	E	E	E	E	X	E
POTASSIUM CHLORIDE	E	E	E	E	E	E	E	E	E	G	E	E
POTASSIUM CHROMATE	G	G	E	E				G	E	F	C	E
POTASSIUM CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM DICHROMATE	C	G	E	E	E	E	E	E	E	G	G	E
POTASSIUM HYDRATE	C	G	E		E	E	E			E	C	F
POTASSIUM HYDROXYDE	C	G	E	E	E	E	E	G	G	E	C	F
POTASSIUM NITRATE	E	E	E	E	E	E	E	E	E	E	E	E
POTASSIUM PERMANGANATE, 5%	E	G	E	E	E	E	E	F	E	G	X	E
POTASSIUM SILICATE	E	E	E	E				E	E	E	E	E
POTASSIUM SULFATE	C	G	E	E	E	E	E	E	E	E	E	E
POTASSIUM SULFIDE	C	G	E	E				C	E	E	C	E
POTASSIUM SULFITE	C	G	E	E	E	E		E	E	C	E	E
PRESTONE ANTIFREEZE	E	E	E	E			G	E	E	E	X	E
PRODUCERS GAS	X	X	X	X			E	E	G	C	E	E
PROPANE	X	X	X	X	E	E	E	E	E	C	G	E
PROPANEDIOL	E	E	E	E	E	E	E	E	E	E	E	E
PROPANETRIOL	E	E	E	E	E	E	E	E	E	E	C	E
PROPANOL	E	E	E	E	E	E	E	E	E	E	X	E
PROPANOLAMINE												
PROPANONE	C	G	E	E	E	E	X	X	X	C	X	X
PROPENOL	E		E							E		E
PROPANEDIAMINE	G		E					G		F		
PROPENE NITRILE	G		X		E	E		X	X			
PROPENYL ALCOHOL	E		E	E	E	E		E	E	E		E
PROPENYL ANISOLE	X		X		E	E		X		X		G
PROPIONIC ACID	E	X	E	E			E	C	C	G	X	X
PROPIONITRILE	E		E	C			E	E	C			X
PROPYL ACETATE	X	X	C	C	E	E	X	X	X	X	X	X
PROPYL ALCOHOL	E	E	E	E	E	E	E	E	E	E	X	E
PROPYL ALDEHYDE	F		G	G				X	X	X		X
PROPYL BENZENE	X		X						X	X	C	
PROPYL CHLORIDE	X		F	F				X	F	X		G
PROPYL NITRAATE	X	X	C	C			F	X	X	X	X	X
PROPYLENE	X	X	X	X			E	X	X	X	X	E
PROPYLENE DIAMINE	G		E					G		F		
PROPYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	G	E
PYDRAUL. 'E' SERIES	X	X	C	C			E	X	X	X	X	X
PYDRAULIC 'C'	X	X	X	X			E	X	X	X	X	E
RED OIL	X	X	X	F	E	E	E	E	F	C	C	E
REFRIGERANT 11	X	X	X		E	E	X			E	X	C

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MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
REFRIGERANT 12	X	E	X		E	E	X			E	E	G
REFRIGERANT 22	C	E	X		E	E	X			E	X	C
RESORCINOL	E	G	E	G			E	C	A	G	X	E
SAE NO. 10 OIL	X	X	X	X			E	E	C	X	E	E
SAL AMMONIAC	E	E	E	E	E	E	E	E	E	E	G	E
SEA WATER	E	E	E	E	E	E	E	E	E	E	G	E
SEWAGE	G	G	G	G	E	E	E	E	C	E	X	E
SILICATE ESTERS	X	C	X	X			E	G	E	G	E	E
SILICATE OF SODA	E	E	E	E			E	E	E	E	G	E
SILICONE GREASE	E	E	E	E	E	E	E	E	E	E	E	E
SILICONE OIL	E	E	E	E	E	E	E	E	E	E	E	E
SILVER NITRATE	E	G	E	E	E	E	E	C	E	E	E	E
SKYDROL 500 TYPE 2	X	X	G	E			X	X	X	X	X	G
SKYDROL 500B	X	X	G	E			X	X	X	X	X	G
SKYDROL 500C	X	X	G	E			X	X	X	X	X	G
SKYDROL 7000 TYPE 2	E	X	E	E			E	X	X	X	X	F
SOAP SOLUTIONS	F	X	E	E	E	E	E	E	G	E	G	E
SODA ASH	E	X	E	E	E	E	E	E	E	E	G	E
SODA LIME	E		E	E			G	G	G	G	F	G
SODA NITER	G	G	E	E	E	E	E	E	G	E	E	E
SODIUM ACETATE	F	X	F	E	E	E	C	G	C	G	C	X
SODIUM ALUMINATE	E	G	E	E			E	E	E	E	X	E
SODIUM BICARBONATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM BISULFATE	E	G	E	E	E	E	E	E	E	E	G	E
SODIUM BORATE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CARBONATE	E	E	E	E	E	E	E	E	E	E	C	E
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM DICHROMATE	X	G	E	E			E	E	F	G	G	E
SODIUM HYDRATE	E	G	E	E	E	E	E	X	G	C	C	G
SODIUM HYDROCHLORITE	F	G	G	G			E	F	F	E	C	E
SODIUM HYDROXIDE	E	G	E	E	E	E	E	X	G	C	C	G
SODIUM HYPOCHLORITE	X	F	C	E	E	E	E	C	C	G	X	E
SODIUM METHAPHOSPHATE	E	E	G	E	E	E	E	E	E	C	C	E
SODIUM NITRATE	G	G	E	E	E	E	C	C	G	E	E	E
SODIUM PERBORATE	G	G	E	E			E	C	G	E	G	E
SODIUM PEROXIDE	C	G	E	E	E	E	E	C	G	G	X	E
SODIUM PHOSPHATE	E	E	E	E	E	E	E	E	G	E	E	E
SODIUM SILICATE	E	E	E	E	E	E	E	E	E	E	G	E
SODIUM SULFATE	C	G	E	E	E	E	E	E	E	E	E	E
SODIUM SULFIDE	G	G	E	E	E	E	E	E	E	E	E	E
SODIUM SULFITE	G	G	E	E	E	E	E	E	E	E	E	E
SODIUM THIOSULFATE	G		E	E	E	E	E	C	E	E	E	
SOYBEAN OIL	X	X	G	C			E	E	E	G	C	E
STANNIC CHLORIDE	E	E	E	E	E	E	E	E	G	E	E	E
STANNIC SULFIDE	E		E	E			E	E	E	E		
STANNOUS CHLORIDE	E	E	E	G	E	E	E	E	E	E	G	E
STANNOUS SULFIDE	E		E	E				E	E	E		
STEAM BELOW 350° DEG F	C	X	G	E	X	X	E	X	X	C	X	C
STEARIC ACID	C	G	C	G	E	E	E	G	G	G	E	E
STODDARD SOLVENT	X	X	X	X	E	E	G	E	G	X	E	E
STYRENE	X	X	X	X	F	F	X	X	X	X	X	E
SULFAMIC ACID	G		E	E				C	G	E	X	E
SULFUR	X	X	E	E	E	E	E	X	E	E	X	E
SULFUR CHLORIDE	X	X	X	E			E	C	E		C	E
SULFUR DIOXIDE	C	G	C	E		G	G	X	C	C	C	E
SULFUR TRIOXIDE, DRY	C	X	G	E	X	X	G	X	X	X	X	E

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MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
SULFURIC ACID 60%	X	X	E	E	X	X	E	G	X	G	X	E
SULFURIC ACID, CONC.	X	X	X	X	F	F	E	X	X	X	X	E
SULFURIC ACID FUMING	X	X	X	X	X	X	E	X	X	X	X	E
SULFURIC ACID 25%	E	F	G	E	E	E	E	C	C	E	X	E
SULFURIC ACID 25%-50%	G	F	G	E	E	E	E	C	X	G	X	E
SULFURIC ACID 25%-96%	C	X	C	X	G	G	E	X	X	C	X	E
SULFUROUS ACID 10%	G	G	E	E	E	E	E	E	C	E	X	E
SULFUROUS ACID 10%-75%	G	G	E	E	E	E	E	F	C	E	X	E
T-BUTYL AMINE	X		C	C			G	C	X	X	X	
TALL OIL	X	X	X	X			E	E	C	F	E	E
TALLOW	X	X	X	E	E	E	E	E	G	F	E	E
TANNIC ACID	E	G	E	E	E	E	E	E	E	E	E	E
TAR	X	X	X	X	X	F	E	X	X		G	E
TAR BITUMINOUS	X	X	X	X			E	G	C	X	G	E
TARTARIC ACID	E	G	G	G	E	E	E	E	E	E	E	E
TELLONE 2	C											
TERTIARY BUTYL ALCOHOL	C	G	C	C			E	C	C	C	X	E
TERPINEOL	X	X	C				E			X	C	E
TERTIARY BUTYL AMINE	X		C	C			G	C	X	X	X	
TERTIARY BUTYL MERCAPTAN	X	X	X	X			E	X	X	X	X	E
TETRACHLOROBENZENE	X		X	X				X	X	X		G
TETRACHLOROETHANE	X	X	X	X	F	F	X	X	X	X	X	E
TETRACHLOROETHYLENE	X	X	X	X	F	F	X	C	X	X	X	E
TETRACHLOROMETHANE	X		X	X	E	E	E	X	X	X	F	E
TETRACHLORONAPHTHALENE	X		X	X	E	E		X	X	X		G
TETRAETHYLENE GLYCOL	E		E	E				E	E	E		E
TETRAETHYLORTHOSILICATE	X		E	E				E	E			
TETRAHYDROFURAN	X	X	C	X			X	X	X	X	X	X
TIN CHLORIDE	E		E	E	E	E	E	E	C	C	G	E
TITANIUM TETRACHLORIDE	X	X	X	X			G	C	C	X	X	E
TOLUENE	X	X	X	X	E	E	X	X	X	X	X	E
TOLUIDINE	X		X	X	E	F		C	X	X	C	G
TOLUOL	X	X	X	X	E	E	X	X	X	X	X	E
TRANSFORMER OIL	X	X	X	X	E	E	E	C	C	C	C	E
TRANSMISSION 'A' OIL	X		X	X			E	E	C	C	E	
TRI-AMINE	C		E	E			E	G	C	C	X	
TRIBUTYL PHOSPHATE	C	X	G	G			G	F		X	X	X
TRIBUTYLAMINE	G		E					G		F		
TRICHLOROACETIC ACID	C	X	C	C			F	C	C	X	X	X
TRICHLOROBENZENE	X	X	X	X	F	F	C	C	X	X	C	G
TRICHLOROETHANE	X	X	X	X			X	X	X	X	X	E
TRICHLOROETHYLENE	X	X	X	X	F	F	X	X	X	X	X	E
TRICHLOROMETHANE	X	X	X	X	F	F	X	X	X	X	X	E
TRICHLOROTOLUENE	X			E			E	X	X	X		
TRICRESYL PHOSPHATE	X	X	E	E		E	X	X	X	X	X	E
TRIETHANOLAMINE	C	G	E	E	E	E	E	C	C	C	X	X
TRIETHYLAMINE	G	X	G	E			E	E	G	E	X	E
TRIETHYLENE GLYCOL	E		E	E	E	E		C	E	E	X	E
THRIHYDROXYBENZOIC ACID	E		C	C			E	C	C	G	X	
TRIMETHYL PENTANE	X	X	X	X			F	E	G	C	G	E
TRIMETHYLAMINE	E		E	C				C	E	E	X	
TRISODIUM PHOSPHATE	E	E	E	E	E	E	E	E	E	E	E	E
TRITOYL PHOSPHATE	X	X	E	E			E	X	C	C	G	E
TUNG OIL	X	X	C	X	E	E	E	E	C	C	F	E
TURPENTINE	X	X	X	X	E	E	E	E	X	X	G	E
UNSYMMETRICAL DIMETHYL HYDRAZINE	E	X	E	E			F	C	C	E	X	X
UNDECYL ALCOHOL	E		E	E				E	E	E		G

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**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco** / **Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
UREA	E		E	E	E	E	F	G	G	E	G	E
URIC ACID	E		E	E				C	E	E	X	
VARNISH	X	X	X	X	E	E	C	G	X	X	G	E
VEGETABLE OILS	X	X	C	F	E	E	E	E	C	G	E	E
VERSILUBE F44	E	E	E	E			E	E	E	E	E	E
VERSILUBE F55	E	E	E	X			E	E	E	E	E	E
VINEGAR	G	G	E	E	E	E	E	G	G	E	C	E
VINEGAR ACID	G		E		E	E	E			E	C	
VINYL ACETATE	X	X	E	G	E	E	X	C	C	F	X	E
VINYL BENZENE	X	X	X	X	F	F	X	C	X	X		C
VINYL CHLORIDE	X		X	C	E	E	E	X	X	X	C	E
VINYL CYANIDE	G	F	X	X	E	E	G	X	X	G	X	X
VINYL ETHER	X		X				X	G		G		X
VINYL STYRENE												
VINYL TOLUENE	X		X	X				X	X	X		E
VINYL TRICHLORIDE	X		X	X			X	X	X	X	X	E
VM&NAPHTHA	X	X	X	X				G	F	X		E
WATER	E	C	E	E	E	E	E	E	G	E	E	E
WATER BOILING	E		E	E			E	G	G	E	E	
WATER SODA					E	E						
WENCO C	X	X	X	X			E	E	C	X	E	E
WHISKEY	E	E	E	E	E	E	E	E	E	E	X	E
WHITE OIL	X	X	X	X	E	E	E	E	G	C	E	E
WHITE PINE OIL	X	X	X	X			E	C	X	X		E
WINES	E	E	E	E	E	E	E	E	E	E	X	E
WOOD ALCOHOL	E	E	C	E	E	E	E	C	E	E	C	F
WOOD OIL	X	X	C	X	E	E	E	E	C	C	C	E
XENON	E	E	E	E			E	E	E	E	E	E
XYLENE, XYLON	X	X	X	X	F	F	X	X	X	X	X	E
XYLIDINE	X	X	G	G			G	C	X	X	X	X
ZEOLITES	E	E	E	E			E	E	E	E	E	E
ZINC ACETATE	E	X	E	E			F	G	C		X	C
ZINC CARBONATE	E		E	E				E	E	E	E	E
ZINC CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E
ZINC CHROMATE	E		E	E				C	E	G	X	
ZINC SULFATE	E	G	E	E	E	E	E	E	E	E	X	E
O-AMINOTOLUENE	X		C	C			C	X	X	X	X	
1 UNDECANOL	E	E	E	E	E	G		E	E	E		G
1-AMINO-2-PROPANOL	G		E	E				C	E	F		X
1-AMINOBTUTANE	X	X	C	C			G	C	X	X	X	X
1-AMINOPENTANE	F		G	X				F	C	F		X
1-BROMO-2-METHYL PROPANE	X		X	X				X	X	X		G
1-BROMO-3-METHYL PROPANE	X		X	X				X	X	X		G
1-BROMOBUTANE	X		X	X				X	X	X		
1-CHLORO-2-METHYL PROPANE	X		X	X				X	X	X		G
1-CHLORO-3-METHYL BUTANE	X		X	X			X	X	X	X	X	E
1-DECANOL	X		X	X	E	E		E	X	C	E	G
1-HENDECANOL	E		E	E				E	E	E		
1,4-DIOXANE	X		C	C	E		X	X	X	X	X	
2 (2AMINOETHYLAMINO) ETHANOL	G		E							G		
2 (2ETHOXYETHOXY) ETHANOL	C	G	C	C			E	C	C	C	X	G
3 (2ETHOXYETHOXY) ETHYL ACETATE	X	X	G	X			E	X	X	G	X	G
2- AMINOETHANOL	C	F	C	E			E	C	C	C	X	X
CHLORO-1-HYDROXY-BENZENE	X		X	X			E	X	X	X	X	
2-CHLOROPHENOL	X	X	X	X			E	X	X	X	X	G
2-CHOLOROPROPANE	X	X	X	X			X	X	X	X	X	E
2-ETHOXYETHANOL	X	X	C	C	E	E	C	C	X	X	X	X



# RESISTENCIA QUÍMICA

CHEMICAL RESISTANT

**E** Excelente / Excellent

**F** Bien / Fair

**X** Insatisfactorio / Unsatisfactory

**G** Bueno / Good

**C** Condicional / Conditional

**En Blanco / Blank** No Hay Datos Disponibles / No Data Available

MATERIAL O QUÍMICO CHEMICAL OR MATERIAL	COMPUESTO COMPOUND											
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	PTFE	NBR	CR	CSM	AU	FKM
2-ETHOXYETHYL ACETATE	C		C	G	E	E	C	X	X	X	C	
2-ETHYL	X		G					X		X		X
2-ETHYL-1-HEXANOL	G	G	C	C	E	E	E	C	C	C	X	G
2-ETHYLHEXANOIC ACID	F		F					F		G		
2-ETHYLHEXYL ACETATE	X		E		C	C		X		G		
2-OCTANONE	X		G	G				X	C		X	X
3-BROMOPROPENE	X		X	X				X	X	X		G
3-CHLOROPROPENE	X	E	C	X	E	G	G	C	X	X		E
3-COAL OIL	X		X	X			E	E	G	F	F	
4-HYDROXY-4METHYL-2-PENTANONE	X	X	E	E	E	E	X	X	F	C	X	X



# RESISTENCIA QUÍMICA PVC

## PVC CHEMICAL RESISTANT

**A** Satisfactorio / Satisfactory

**U** Insatisfactorio / Unsatisfactory

**C** Cuestionable. Sugerir Prueba / Questionable / Suggest Testing

**En Blanco** Blank. No Hay Datos Disponibles / No Data Available

Químico Chemical	Concentración Concentration	Temperatura / Temperature	
		20°C / 68°F	60°C 140°F
ACETATE SOLVENTS	10%	U	U
ACETIC ACID	GLACIAL	A	C
ACETIC ACID		C	U
ACETONE		U	U
ACRYLONITRILE		A	C
ADIPIC ACID		A	C
ALCOHOL BUTYL		A	C
ALCOHOL ETHYL		A	C
ALCOHOL ISOPROPYL		A	C
ALCOHOL METHYL		A	C
ALUMINIUM ACETATE		A	
ALUMINIUM CHLORIDE		A	A
ALUMINIUM HYDROXIDE		A	
ALUMINIUM SULFATE		A	A
ALLYL CHLORIDE			
AMMONIA	0.88 S.G (AQUEOUS)	A	A
AMMONIA	DRY GAS	A	
AMMONIA	LIQUID	U	U
AMMONIUM CHLORIDE		A	A
AMMONIUM HYDROXIDE		A	
ANIMAL OILS			
AMYL ACETATE		U	U
ANILINE OILS			
AROMATIC HYDROCARBONS		U	U
ASPHALT		U	U
ASTM FUEL A		A	A
ASTM FUEL B		U	U
ASTM 1 OIL			
ASTM 3 OIL			
BARIUM CHLORIDE		A	A
BARIUM HYDROXIDE		A	A
BARIUM SULFIDE		A	A
BENZENE		U	U
BENZINE		C	C
BORDEAUX MIXTURE		A	A
BORAX		A	A
BORIC ACID		A	A
BRINE		A	A
BROMINE TRACES		U	U
BUTYL ACETATE		U	U
CALCIUM HYDROXIDE		A	A
CALCIUM HYPOCHLORITE		A	A
CARBONIC ACID		C	U
CARBON DIOXIDE		A	A
CARBON DISULPHITE		U	U
CARBON MONOXIDE		A	A
CARBON TETRACHLORIDE		U	U

# RESISTENCIA QUÍMICA PVC

## PVC CHEMICAL RESISTANT

**A** Satisfactorio / Satisfactory

**U** Insatisfactorio / Unsatisfactory

**C** Cuestionable. Sugerir Prueba / Questionable / Suggest Testing

**En Blanco** Blank No Hay Datos Disponibles / No Data Available

Químico Chemical	Concentración Concentration	Temperatura / Temperature	
		20°C / 68°F	60°C 140°F
CASEIN		A	C
CHLORINE	DRY GAS	A	A
CHLORINE	WET GAS	C	U
CHLORINE	WATER	U	U
CHLOROBENZENE		U	U
CHLORINATED HYDROCARBONS		U	U
CHLOROFORM		U	U
CHROMIC ACID	10%	A	C
CITRIC ACID		A	A
COAL TAR		U	U
COPPER CHLORIDE		A	A
COPPER NITRATE		A	A
COOPER SULPHATE		A	A
COTTONSEED OIL			
CREOSOTE		U	U
CRESOL		A	C
CRESYLIC ACID		U	U
CYCLOHEXANE		A	C
CYCLOHEXANONE		U	U
DDT WEED KILLER		A	C
DETERGENT SYNTHETIC		A	A
DEVELOPERS PHOTOGRAPHIC		A	A
DEXTRIN		A	A
DEXTROSE		A	A
DIBUTYL PHTHALATE		U	U
DICHLOROBENZENE		U	U
DIESEL OIL			
DIETHYLENE GLYCOL		A	A
DIETHYL ETHER		U	U
DI-ISODECYL PHTHALATE		U	U
DICOTYL PHTHALATE		U	U
EMULSIFIERS		A	A
EMULSIONS PHOTOGRAPHIC		A	A
ETHYL ACETATE		U	U
ETHYLENE DICHLORIDE		U	U
ETHYLENE GLYCOL		A	A
FATTY ACID		A	A
FERRIC CHLORIDE		A	A
FERRIC SULFATE FERROUS CHLORIDE		A	A
FERROUS SULPHATE		A	A
FIXING SOLUTION PHOTOGRAPHIC	A	A	
FLUORINE		U	U
FORMALDEHYDE	40%	U	U
FORMIC ACID	40%	A	A
FORMIC ACID	50%	C	U
FORMIC ACID	100%	U	U
FUEL OIL			

# RESISTENCIA QUÍMICA PVC

## PVC CHEMICAL RESISTANT

**A** Satisfactorio / Satisfactory

**U** Insatisfactorio / Unsatisfactory

**C** Cuestionable. Sugerir Prueba / Questionable / Suggest Testing

**En Blanco** / Blank. No Hay Datos Disponibles / No Data Available

Químico Chemical	Concentración Concentration	Temperatura / Temperature	
		20°C / 68°F	60°C 140°F
GLACIAL ACETIC ACID		C	U
GLUCOSE		A	A
GLYCERINE		A	A
GRAPE SUGAR		A	A
GREASE			
HEPTANE		C	U
HEXANE		C	U
HYDROBROMIC ACID		A	A
HYDROCHLORIC ACID	10%	A	A
HYDROCHLORIC ACID	40%	A	U
HYDROFLUORIC ACID	10%	A	C
HYDROFLUORIC ACID	40%	A	U
HYDROFLUOBORIC ACID		A	A
HYDROFLUOSILICIC ACID		A	A
HYDROGEN PEROXIDE		A	
HYDROGEN SULPHIDE		A	
ISO-OCTAN		A	C
ISOPROPYL ACETATE		U	U
KEROSENE		C	C
KETONES		U	U
LACTIC ACID	10%	A	
LACTIC ACID	100%	U	U
LACQUER SOLVENTS		C	U
LINSEED OILS			
LUBRICATING OIL			
MAGNESIUM CHLORIDE		A	A
MAGNESIUM HYDROXIDE		A	A
MAGNESIUM SULPHATE		A	A
MALIC ACID		A	A
METHYL ACETATE		U	U
METHYL BROMIDE		U	U
METHYL ETHYL KETONE		U	U
METHYLENE CHLORIDE		U	U
MINERAL OILS			
MONOCHLORO BENZENE		U	U
NAPHTHA		C	U
NAPHTHALENE		C	U
NITRIC ACID	10%	A	A
NITRIC ACID	40%	A	C
NITRIC ACID	70%	U	U
NITROBENZENE		U	U
NITROGEN FERTILIZERS		A	
OLEIC ACID		A	C
OXALIC ACID		A	A
PALMITIC ACID		A	A
PATAFFIN		A	A
PENTANE		C	U

# RESISTENCIA QUÍMICA PVC

## PVC CHEMICAL RESISTANT

**A** Satisfactorio / Satisfactory

**U** Insatisfactorio / Unsatisfactory

**C** Cuestionable. Sugerir Prueba / Questionable / Suggest Testing

**En Blanco** / **Blank** No Hay Datos Disponibles / No Data Available

Químico Chemical	Concentración Concentration	Temperatura / Temperature	
		20°C / 68°F	60°C 140°F
PERCHLOROETHYLENE		U	U
PHENOL		C	U
PHOSPHORIC ACID		A	A
PITCH		A	C
POTASSIUM HYDROXIDE		A	A
PROPANE		A	A
SEA WATER		A	A
SODIUM HYDROXIDE (CAUSTIC SODA)	10%	A	A
SODIUM HYDROXIDE (CAUSTIC SODA)	50%	A	U
SODIUM CIANYDE		A	A
SOYBEAN OIL			
STEARIC ACID		A	A
STYRENE		U	U
SULPHUR DIOXIDE	DRY GAS	A	A
SULPHUR DIOXIDE	MOIST	C	U
SULPHUR DIOXIDE	LIQUID	U	U
SULPHURIC ACID	45%	A	A
SULPHURIC ACID	60%	C	C
SULPHURIC ACID	98%	U	U
SULPHUROUS ACID	30%	A	
TANNIC ACID		A	A
TARTARIC ACID		A	A
TETRAHYDROFURAN		U	U
TOLUENE		U	U
TRICHLORETHYLENE		U	U
TRIETHANOLAMINE		A	A
TRICRESYL PHOSPHATE		U	U
TURPENTINE		C	U
UREA		A	A
VINEGAR		A	A
VINYL ACETATE		U	U
VINYL CHLORIDE		U	U
WATER		A	A
XYLENE		U	U
ZINC CHLORIDE		A	A
ZINC SULPHATE		A	A



# ¿POR QUÉ ELEGIRNOS?

## ¿WHY CHOOSE COVALCA?

### Atención Personalizada

A través de ejecutivas de cuentas asignadas y Gtes de ventas regionales

### Presentación de los Productos

Empaques para fácil envío y almacenamiento.  
Sist. de identificación visual y Códigos de barras en cada producto

### Mejora Continua y Actualización Tecnológica

Cada producto es fabricado con máquinas de tecnología de punta

### Garantía

Nuestros productos están respaldados y garantizados por nuestra empresa

### Personal Attention

Through assigned accounts Executive and Regional Sales Managers

### Products Presentation

Packaging for easy shipping and storage. Visual identification System and Barcode in each products

### Continuous Improvement and Technology Update

Each product is manufactured with high technology machines

### Warranty

Our products are backed and guaranteed by our company



Impreso en  
El Salvador

**COVALCA**  
FLUID CONNECTORS

