



Tubos metálicos flexibles

Metal flexible hoses

Serie ANACONDA SEALTITE®

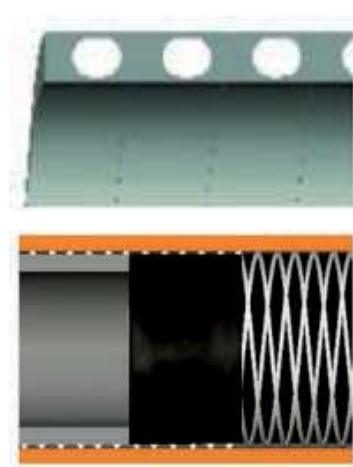
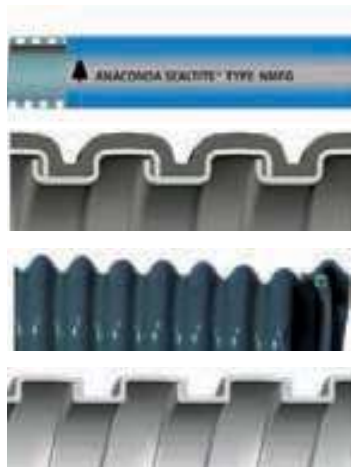
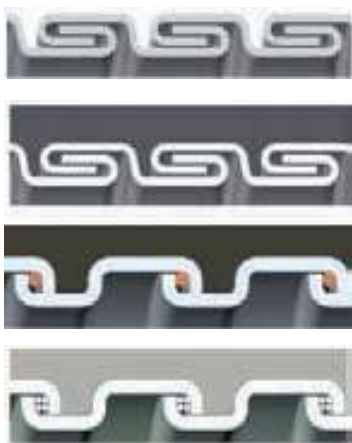
Para protección de cables eléctricos
y racores estancos

For protection wires
and sealed couplings



Programa de tubos de protección de cables eléctricos

Range of protection of electrical wires



La sociedad **CORACI, S.A.** ofrece con su gama de productos estancos para protección y revestimiento, ANACONDA SEALTITE®, un gran abanico de posibilidades a los instaladores del campo electrotécnico.

SEALTITE® ofrece además de una perfecta estanqueidad, magníficas cualidades de curvatura y protege, tanto en intemperie como en el interior, amortiguando vibraciones y eliminando la humedad, polvo, corrosión, abrasión o agresiones mecánicas sobre los conductores eléctricos.

Su montaje es muy simple con los racores ANAMET, complemento ideal para cualquier instalación que requiera un montaje óptimo o esté sometida a severas condiciones de explotación (véase al dorso).

ANACONDA SEALTITE® está compuesto por un alma de armadura metálica de gran resistencia, fabricada a partir de fleje de alta calidad en acero galvanizado, aluminio o bronce y recubierta exteriormente con una funda de material termo-plástico de diversas composiciones.

CORACI, S.A., through its range of sealed products for protection and coating, ANACONDA SEALTITE®, offers a large variety of possibilities for a professional installation in the electro-technical area.

SEALTITE® also offers perfect tightness, magnificent bending qualities, in addition to being apt both for outdoor and indoor applications. It dampens vibrations and eliminates moisture, dust, corrosion, abrasion or mechanical attacks on the electric conductors.

Its mounting is quite easy with the help of the ANAMET couplings, which are the ideal aggregate for any installation requiring an optimum mounting or is subjected to severe operation conditions (see back page).

ANACONDA SEALTITE® is made up of a highly resistant metal-framed core, which is manufactured with high quality strip in galvanized steel, aluminum or brass and coated on the outside face by a sheath of thermo-plastic material of different compositions.



Tipos estándar

- E.F.** Ejecución extraflexible. Resiste aceites y grasas poco agresivos. Temperaturas (-25 °C +70 °C). Color gris. Aprobado VDE, DEMKO, NEMKO y SEMKO.
- H.C.** Resistente al frío, calor y radiación solar. Instalaciones a la intemperie. Temperaturas (-45 °C +105 °C). Color negro. Aprobado NEMKO.
- O.R.** Especialmente resistente a los aceites y grasas. Temperaturas (-20 °C + 100 °C). Color negro. Aprobado NEMKO.
- C.N.P.** Tubo de protección no metálico para máquina herramienta. Temperaturas (-20 °C +60 °C). Color naranja. Homologado UL y NEC.

Standard Types

- E.F.** Extra-flexible execution. Oil and fat resistant, if they are not too aggressive. Temperatures (-25 °C +70 °C). Grey colour. VDE, DEMKO, NEMKO and SEMKO approved.
- H.C.** Resistant to cold, heat and sun radiation. Outdoor installations. Temperatures (-45 °C +105°C). Black colour. NEMKO approved.
- O.R.** Specially resistant to oil and fat. Temperatures (-20 °C +100 °C). Black colour. NEMKO approved.
- C.N.P.** Non-metallic protective hose for machine-tool. Temperatures (-20 °C +60 °C). Orange colour. UL and NEC approved.

DIMENSIONES STANDARD

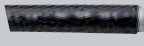
PULGADAS / INCHES	Ø INTERIOR / INSIDE Ø mm	Ø EXTERIOR / OUTSIDE Ø mm	CONEXIONES / CONNECTIONS ISO	CONEXIONES / CONNECTIONS PG	CONEXIONES / CONNECTIONS NPT	LONGITUDES / LENGHTS m
3/8	12,6	17,8	M16 x 1,5	11 y 13,5	1/2"	75
1/2	16	21,1	M20 x 1,5	16	1/2"	60
3/4	21	26,4	M25 x 1,5	21	3/4"	50
1	26,5	33,1	M32 x 1,5	29	1"	30
1-1/4	35,1	41,8	M40 x 1,5	36	1-1/4"	30
1-1/2	40,3	47,8	M50 x 1,5	42	1-1/2"	15
2	51,6	59,9	M63 x 1,5	48	2"	15

Otras dimensiones bajo demanda.

Other dimensions under request.



Metal conduit	Material	Material	Temp. (°C)		Resistance (NEN-EN-IEC 61386)			Flexi- bility	Resistance		Approvals		Protection	Page
Type	Innercore	Cover	Min.	Max.	Compr.	Impact	Tensile		UV	Oil			Class	
 FCEN / SL	Galvanised steel	-	-55	+300	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 40	1-02 1-06
 SLI / SLI-316	Stainless steel	-	-100	+600	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 40	1-07 1-08
 SLI-CAP	Stainless steel AISI-304	-	-100	+600	3 (750N)	3 (2J)	3 (500N)	++++	++++	++++			IP 40	1-16
 SLB	Galvanised steel with stainless steel braid	-	-55	+300	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 40	1-19
 UIG	Galvanised steel	-	-55	+300	5 (4000N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 40	1-21
 UI	Stainless steel AISI-304	-	-100	+600	5 (4000N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 40	1-22
 UI-CAP	Stainless steel AISI-304	-	-100	+600	5 (4000N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 40	1-37
 RWA	Aluminium	-	-45	+260	4 (1250N)	4 (6J)	3 (500N)	++	++++	++++	 		IP 40	1-41
 Anaflex	Stainless steel AISI-316L	-	-70	+250	3 (750N)	3 (2J)	4 (1000N)	++++	++++	++++			IP 69K	1-44
 FCD Gr. / Bl.	Galvanised steel	PVC- RoHS	-20	+80	3 (750N)	3 (2J)	3 (500N)	+++	++	++			IP 67	2-02 2-03
 FCE Black	Galvanised steel	PVC- RoHS	-20	+80	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++			IP 67	2-04
 FCE-LFH Black	Galvanised steel	Polyolefin Halogen-free RoHS	-25	+80	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++			IP 67	2-05
 FCE-PU-V0 Bl.	Galvanised steel	Polyurethane Halogen-free RoHS	-50	+105	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++	 		IP 67	2-05
 EF-M Gr./Bl.	Galvanised steel	PVC- RoHS	-20	+60	3 (750N)	4 (6J)	4 (1000N)	++	+++	+++			IP 67	3-02 3-03
 EF Grey / Black	Galvanised steel	PVC- RoHS	-25	+70	4 (1250N)	4 (6J)	4 (1000N)	+++	+++	+++			IP 67	3-04 3-05
 OR Black / Blue	Galvanised steel	PVC- RoHS	-15	+100	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 67	3-06 3-07
 HC Black	Galvanised steel	PVC- RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 67	3-08

Metal conduit	Material	Material	Temp. (°C)		Resistance (NEN-EN-IEC 61386)			Flexi- bility	Resistance		Approvals		Protec- tion	Page
Type	Innercore	Cover	Min.	Max.	Compr.	Impact	Tensile		UV	Oil			Class	
 HCX Black	Galvanised steel	TPE-RoHS	-55	+145	4 (1250N)	4 (6J)	4 (1000N)	++++	+++	++			IP 67	3-09
 HFX Black/Blue	Galvanised steel	TPU Halogen-free RoHS	-55	+105	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 67	3-10 3-11
 HFX-V0 Black	Galvanised steel	TPU Halogen-free RoHS	-50	+105	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++	 		IP 67	3-12
 ZHLS Black	Galvanised steel	Polyolefin Halogen-free RoHS	-25	+80	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++			IP 67	3-13
 HTDL Black	Galvanised steel	PVC-RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++	 		IP 67	3-14
 HTUA Grey	Galvanised steel	PVC-RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++	 		IP 67	3-15
 ZHUA Black	Galvanised steel	TPU Halogen-free RoHS	-45	+80	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 67	3-16
 HCI BI./Blue	Stainless steel AISI-304	PVC-RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 67	4-02 4-03
 HFI Black	Stainless steel AISI-304	TPU Halogen free RoHS	-55	+105	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++			IP 67	4-04 4-05
 HCXI Black	Stainless steel AISI-304	TPE-RoHS	-55	+145	4 (1250N)	4 (6J)	4 (1000N)	++++	+++	++			IP 67	4-06
 HCI 316 Black	Stainless steel AISI-316	PVC-RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 67	4-07
 EF-L Grey	Aluminium	PVC-RoHS	-20	+60	3 (750N)	3 (2J)	3 (500N)	+++	++++	+++			IP 67	4-08
 Shieldtite Grey	Bronze	PVC-RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	++++			IP 67	4-09
 Shieldtite Z1	Bronze	TPU Halogen free RoHS	-45	+105	4 (1250N)	4 (6J)	4 (1000N)	++++	++++	++++	 		IP 67	4-10
 FG White	Galvanised steel	PVC-RoHS	-20	+60	4 (1250N)	4 (6J)	4 (1000N)	+++	++	+++	 		IP 67	4-11
 AS Black	Galvanised steel	PVC-RoHS	-20	+70	4 (1250N)	4 (6J)	4 (1000N)	+++	++++	+++			IP 67	4-12
 NWC Black	Galvanised steel	PE-RoHS	-40	+90	4 (1250N)	4 (6J)	4 (1000N)	+	+++	+++			IP 67	4-13

All-Plastic	Material	Material	Temperature		Resistance (NEN-EN-IEC 61386)			Flexibility	Resistance		Approvals		Protection	Page
Type	Innercore	Cover	Min.	Max.	Compr.	Impact	Tensile		UV	Oil			Class	
 CNP Orange	PVC, Nylon reinforced - RoHS	-	-20	+60	1 (125N)	3 (2J)	4 (1000N)	++	++++	++++	 	 GOST-R	IP 67	8-02 8-03
 NMUA Grey	PVC, PVC reinforced - RoHS	-	-20	+80	2 (320N)	3 (2J)	4 (1000N)	+++	++++	+++	 	 GOST-R	IP 67	8-06
 NMSF Grey	PVC, PVC reinforced - RoHS	-	-20	+80	1 (125N)	3 (2J)	4 (1000N)	++++	+++	+++		 GOST-R	IP 67	8-07
 NMFG Blue	PVC, PVC reinforced - RoHS	-	-20	+60	1 (125N)	3 (2J)	4 (1000N)	++++	+++	+++		 GOST-R	IP 67	8-11
 MPC Grey	Metal spiral	PVC - RoHS	-20	+70	3 (750N)	3 (2J)	1 (100N)	++++	+++	++			IP 67	8-13

External Covers	Material	Material	Temp. (°C) Continue		Temperature short term		Resistance		Approvals		Page
Type	Innercore	Cover	Min.	Max.	20 min.	15-30 sec.	Oil	Splash			
 Hiprojacket Aero	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1640°C	++++	++++	 	 GOST-R	10-03 10-04
 Hiprojacket Industrial	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1640°C	++++	++++		 GOST-R	10-05 10-06
 Hiprojacket Light	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+538°C	+1200°C	++++	++		 GOST-R	10-08
 Hiprotape	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1640°C	++++	++++		 GOST-R	10-09 10-10
 Hipsiltape	-	Silicone Halogen-free RoHS	-55	+260	-	-	++++	++		 GOST-R	10-11
 Hiproblanket Wrap H	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1640°C	++++	++++		 GOST-R	10-12 10-13
 Hiproblanket Wrap Light	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+538°C	+1200°C	++++	++		 GOST-R	10-14
 Thermojacket	Glass fibre Saturated	-	-55	+538	-	-	-	-		 GOST-R	10-15 10-17
 Hiproblanket light	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1200°C	++++	++		 GOST-R	10-18
 Hiproblanket	Glass fibre	Silicone Halogen-free RoHS	-55	+260	+800°C	+1640°C	++++	++++		 GOST-R	10-19 10-20
 Silicajacket	Silica fibre	-	-55	+1090	-	-	-	-			10-21

Programa de racores estancos

Los racores ANAMET® se caracterizan por su facilidad y rapidez de instalación. Su particular diseño permite su sujeción directamente sobre el tubo de protección SEALTITE® ya que han sido específicamente contruidos para su perfecta adaptación.



HOMOLOGADO / APPROVED

Un montaje realizado siguiendo estas instrucciones confiere una estanqueidad IP67 ó IP68 con una junta adicional.

El conjunto tubo racor ofrece una excelente continuidad eléctrica. Los racores incluyen un manguito interior de material plástico para evitar cualquier tipo de daño a los cables eléctricos al pasar por ellos.

La mayor longitud del casquillo y su perfil de cierre confieren a este racor una resistencia al arrancamiento por estirado cuatro superior a lo requerido por la norma UL.

Bajo demanda podemos suministrar Racores clasificados ATEX 94/9/CE Ex II 2 G/D y EEx e II / EEx d II C.

Range of sealed couplings

The ANAMET® couplings stand out because of their easy and quick mounting characteristics. This particular design makes it possible to fasten them directly on the SEALTITE® protection tube, as they have been specifically developed for their perfect adjustment.

A mounting carried out following these instructions provides a IP67 or IP68 tightness with an additional joint.

The hose-coupling set offers excellent electrical continuity properties. The couplings incorporate an inside sleeve made of plastic to prevent any damage caused to the electric wires when they go through them.

The greater length of the bushing and its closure profile make this coupling four times more resistant to pulling than what is required by the UL standard.

Under request we can provide classified couplings ATEX 94/9/CE Ex II 2 G/D y EEx e II / EEx d II C.



TUBO / HOSE	ROSCA DEL RACOR / COUPLING THREAD			RACOR MACHO RECTO / STRAIGHT PLUG COUPLING			RACOR MACHO a 45° / PLUG COUPLING at 45°			RACOR MACHO a 90° / PLUG COUPLING at 90°		
	ISO	PG	NPT	ISO	PG	NPT	ISO	PG	NPT	ISO	PG	NPT
3/8	M16X1,5	11	1/2	812.016.1	810.011.1	814.012.1	812.416.1	810.411.1	814.412.1	812.916.1	810.911.1	814.912.1
3/8	-	13,5	-	-	810.013.1	-	-	810.413.1	-	-	810.913.1	-
1/2	M20X1,5	16	1/2	812.020.1	810.016.1	814.016.1	812.420.1	810.416.1	814.416.1	812.920.1	810.916.1	814.916.1
3/4	M25X1,5	21	3/4	812.025.1	810.021.1	814.020.1	812.425.1	810.421.1	814.420.1	812.925.1	810.921.1	814.920.1
1	M32X1,5	29	1	812.032.1	810.029.1	814.026.1	812.432.1	810.429.1	814.426.1	812.932.1	810.929.1	814.926.1
1-1/4	M40X1,5	36	1-1/4	812.040.1	810.036.1	814.035.1	812.440.1	810.436.1	814.435.1	812.940.1	810.936.1	814.935.1
1-1/2	M50X1,5	42	1-1/2	812.050.1	810.042.1	814.040.1	812.450.1	810.442.1	814.440.1	812.950.1	810.942.1	814.940.1
2	M63X1,5	48	2	812.063.1	810.048.1	814.050.1	812.463.1	810.448.1	814.450.1	812.963.1	810.948.1	814.950.1

INSTRUCCIONES DE MONTAJE:

- Cortar el tubo SEALTITE con una sierra de metales 32 TPI rectos o sierra de banda 13 x 0,6 de 24 TPI a velocidad aproximada de 100 mts/min. No usar disco abrasivo.
- Pasar la tuerca sobre el tubo SEALTITE. Pasar la argolla de plástico. Atornillar a fondo la férula sobre el extremo del tubo SEALTITE cortado.
- Sujetar con ayuda de tornillo o llave plana y roscar la tuerca contra el cuerpo del racor hasta su bloqueo mediante otra llave.



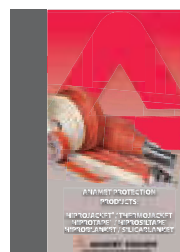
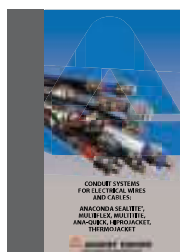
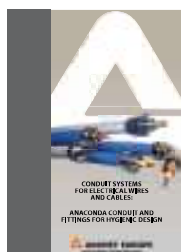
MOUNTING INSTRUCTIONS:

- Cut the SEALTITE hose with the help of a straight 32 TPI metal saw 13 x 0,6 of 24 TPI at an approximate speed of 100 m/min. Do not use a grinding disk.
- Take the SEALTITE hose and put nut in place the plastic clamp ring screw ferrule completely on the end of the cut SEALTITE hose.
- Using a screw or flat wrench fasten and then screw in the nut, with the help of another wrench, against the coupling body up to the point it is locked

Fitting	Material	Temperature (°C)		Thread size range			Approvals	Sealtite		Multiflex (UI/UG)	
Type	Housing	Min.	Max.	ISO	Pg	NPT		Page	IP	Page	IP
 Straight compact	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 48	1/2" to 2"	 	5-02	67	1-23	40
 90° compact	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 48	1/2" to 2"	 	5-02	67	-	-
 Swivel	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 29	-		5-05	67	1-24	40
 Straight slim	Nickel plated brass	-45	+105	M12 to M20	Pg 7 to Pg 9	-		5-07	67	1-38	40
 Straight	Nickel plated brass	-45	+105	M12 to M105	Pg 7 to Pg 48	1/2" to 4"	 	5-07	67	1-25	40
 Female	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 48	1/2" to 2"	 	5-08	67	1-26	40
 45°	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 48	1/2" to 2"	 	5-08	67	-	-
 90°	Nickel plated brass	-45	+105	M16 to M63	Pg 11 to Pg 48	1/2" to 2"	 	5-08	67	1-26	40
 Cable-hose (EMC)	Nickel plated brass	-40	+100	M16 to M63	Pg 9 to Pg 29	1/2" to 3/4"		5-09	67	1-26	40
 Cable-hose BXA	Nickel plated brass	-60	+80	M16 to M40	-	1/2" to 1.1/4"	 	7-07	67		
 Cable-hose RNA	Nickel plated brass	-70	+220	M16 to M40	-	1/2" to 1.1/4"	 	7-09	67		
 Hose adapter RNC	Nickel plated brass	-70	+220	M16 to M75	Pg 11 to Pg 48	1/2" to 3"	 	7-21	67		
 Straight	Zinc die casted	-40	+105	M50 to M63	-	2.1/2" to 4"		5-23	67	1-30	40
 Straight	Galvanised steel	-55	+300	M16 to M32	Pg 11 to Pg 48	1/2" to 4"	 	5-24	67		
 45°	Galvanised steel	-55	+300	M16 to M32	Pg 11 to Pg 48	1/2" to 4"	 	5-24	67		
 90°	Galvanised steel	-55	+300	M16 to M32	Pg 11 to Pg 48	1/2" to 4"	 	5-24	67		
 Box connector	Galvanised steel	-55	+300	-	-	3/8" to 2"	 	5-26	67		

Fitting	Material	Temperature (°C)		Thread size range			Approvals	Sealtite		Multiflex (UI/UIG)	
Type	Housing	Min.	Max.	ISO	Pg	NPT		Page	IP	Page	IP
 Straight	Stainless steel AISI-304	-45	+105	M16 to M63	-	1/2" to 2"	UL SP	5-14	67	1-25	40
 Straight	Stainless steel AISI-304	-45	+105	M16 to M50	Pg 11 to Pg 48	1/2" to 1"	UL SP	5-16	67	1-25	40
 45°	Stainless steel AISI-304	-45	+105	M16 to M25	-	1/2" to 3/4"	UL SP	5-16	67	-	-
 90°	Stainless steel AISI-304	-45	+105	M16 to M25	Pg 11 to Pg 29	1/2" to 1"	UL SP	5-17	67	1-26	40
 Cable-hose	Stainless steel AISI-304	-40	+100	M16 to M20	-	-	PG GOST-R	5-17	67	1-26	40
 Straight	Stainless steel AISI-316	-45	+105	M16 to M63	-	-	FDA PG GOST-R	5-20	68	-	-
 Straight	Stainless steel AISI-316	-45	+105	M16 to M32	Pg 16 to Pg 29	1/2" to 1"	UL SP	5-19	67	1-28	40
 90°	Stainless steel AISI-316	-45	+105	-	-	1/2" to 3/4"	UL SP	5-19	67	-	-
 Swivel	Stainless steel AISI-316	-45	+105	-	-	1/2" to 1"	PG GOST-R	5-21	66	-	-
 Cable-hose BX A	Stainless steel AISI-316	-60	+80	M16 to M40	-	1/2" to 1.1/4"	ATEX IEC	7-08	67	-	-
 Cable-hose RNA	Stainless steel AISI-316	-70	+220	M16 to M40	-	1/2" to 1.1/4"	ATEX IEC	7-13	67	-	-
 Hose adapter RNC	Stainless steel AISI-316	-70	+220	M16 to M75	Pg 11 to Pg 48	1/2" to 3"	ATEX IEC	7-24	67	-	-

PREGUNTA POR NUESTROS
CATÁLOGOS SECTORIALES:



 **coraci** SA

Albert Einstein 52, Pol. Ind. Almeda
08940 CORNELLÀ DE LLOBREGAT - Barcelona (España)
Tel.: 34 93 474 11 11 - Fax: 34 93 377 06 45
e-mail: coraci@coraci.es - web: www.coraci.es

COMPENSADORES DE
DILATACIÓN METÁLICOS

TUBO METÁLICO FLEXIBLE

STRESS Y SOPORTES

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