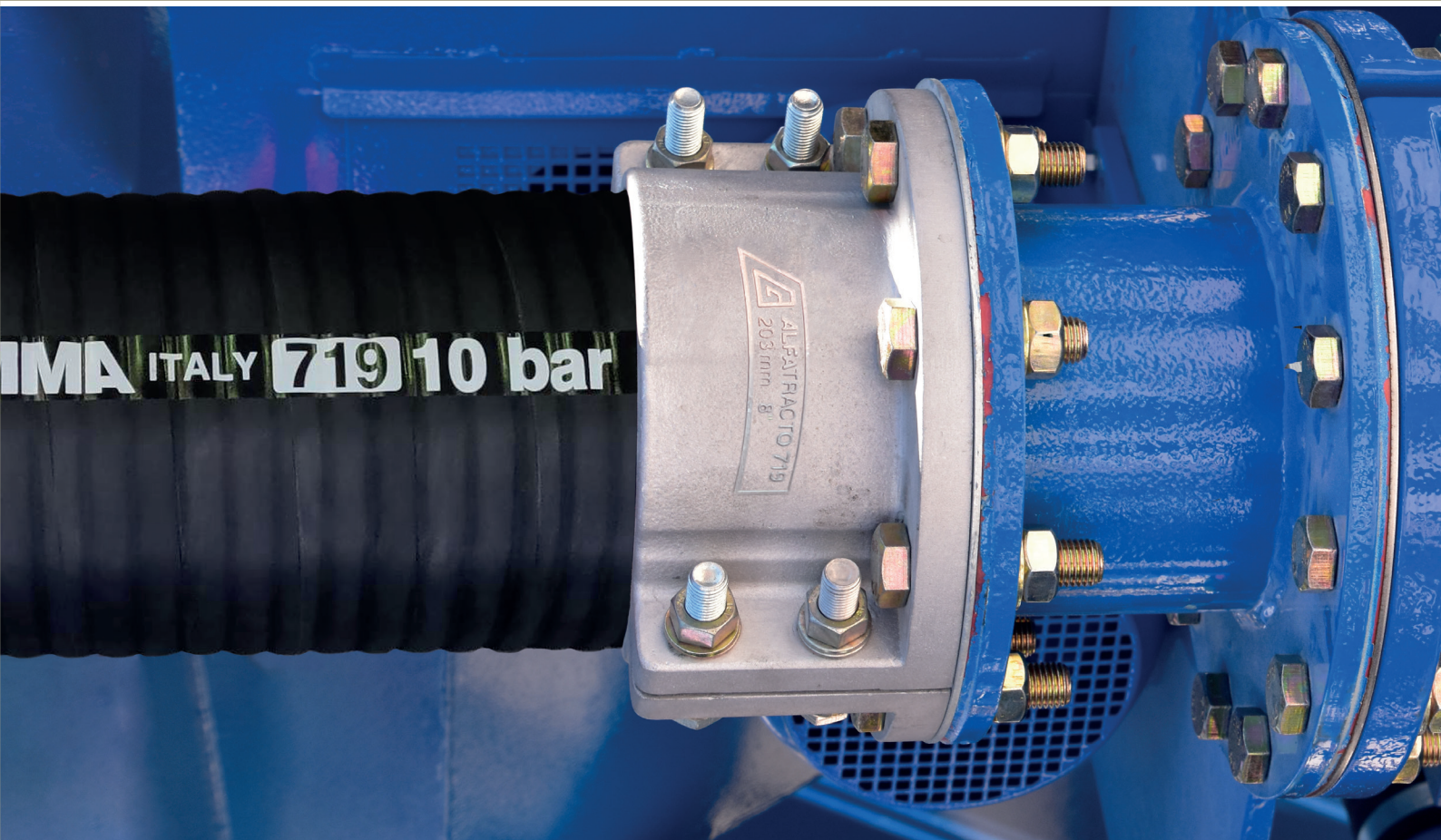




ALFATRACTO 719 ABRASIVE SLURRY HANDLING SYSTEM



ALFATRACTO 719 ABRASIVE SLURRY HANDLING SYSTEM

THE MOST COST EFFECTIVE SOLUTION FOR ABRASIVE SLURRIES HANDLING

- ▲ THE WEAR RESISTANT TUBE INCREASES THE HOSE LIFESPAN
- ▲ THE REUSABLE COUPLINGS REDUCE REPLACEMENT COSTS
- ▲ THE ABILITY TO CUT TO SIZE AND ASSEMBLE ON SITE REDUCES:
 - STOCKING COSTS
 - ASSEMBLY COSTS
 - DELIVERY LEAD TIMES

APPLICATIONS

MINING INDUSTRY

transport of

- CRUSHED AND GROUND ORE
- WASHED COAL
- WASTE PRODUCTS

QUARRYING INDUSTRY

transport of

- SAND AND RIVER STONE
- CRUSHED AND GROUND ORE

CEMENT INDUSTRY

transport of

- LIME
- STONE
- SLURRY

ANY OTHER INDUSTRY WHERE HEAVY DUTY ABRASION RESISTANT HOSES ARE NEEDED FOR SLURRY TRANSPORT



// HOSE

719AA HEAVY DUTY ABRASIVE SLURRY S&D

- Thick, premium abrasion resistant NR tube to provide extended hose service life
- CR cover to guarantee excellent ozone and weather resistance, but also hydrocarbon and seawater resistant
- Corrugated finish to improve flexibility and ease of installation
- Multiple layers of textile fabrics with embedded steel helix wire reinforcement to withstand pressure and vacuum use and enable flexibility
- 10 bar working pressure with 3:1 safety factor
- 80-90% vacuum depending on size
- Conductive tube and cover to ensure safe use in potentially explosive atmosphere applications
- Available from ID 51 to 305mm

// 719AA



Abrasive slurry S&D 10 bar (150 psi) - Corrugated ALFATRACTO muff couplings

Tube: black conductive NR - abrasion resistance 50 mm³ (ISO 4649/A).

Reinforcement: high tensile textile cords with embedded steel helix wire.

Cover: black conductive CR - abrasion, ozone, sea water and hydrocarbon resistant.

Application: bulk material and abrasive slurries suction and delivery in heavy duty applications.

Designed for ALFATRACTO 719 muff coupling use.

Constant operation: -30 °C +80 °C (-22 °F +176 °F)

↔		↔		⬇		⬆		⤴		⤵		⬆	
mm	in	mm	in	bar	psi	bar	psi	mm	in	%	kg/m	lb/ft	
51,0	2"	75,00	2,95	10	150	30	450	255,0	10,04	90	3,100	2,09	
63,0	2 1/2"	88,00	3,46	10	150	30	450	315,0	12,40	90	4,000	2,69	
76,0	3"	114,00	4,49	10	150	30	450	380,0	14,96	90	7,300	4,91	
102,0	4"	133,00	5,24	10	150	30	450	510,0	20,08	90	8,000	5,38	
127,0	5"	162,00	6,38	10	150	30	450	635,0	25,00	90	12,100	8,14	
152,0	6"	188,00	7,40	10	150	30	450	760,0	29,92	90	14,100	9,48	
203,0	8"	241,00	9,49	10	150	30	450	1624,0	63,94	80	19,500	13,11	
254,0	10"	292,00	11,50	10	150	30	450	2032,0	80,00	80	24,400	16,40	
305,0	12"	348,00	13,70	10	150	30	450	2440,0	96,06	80	36,900	24,80	

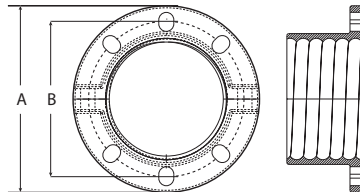
// FITTINGS

ALFATRACTO 719 MUFF COUPLING - UNIVERSAL FLANGE

- Aluminium light weight flanged connection system
- Two identical half shells mechanically mounted on the corrugated hose by bolts
- Universal flanges with elliptical drilling pattern compatible with:
 - EN 1092-1 PN10
 - ANSI ASME B16.5 ASA150
 - AS 2129 TABLE D-E
- Specially designed for a perfect fit with 719AA corrugated cover hose
- Re-usable and durable couplings since not in contact with transported abrasive materials
- On site quick and easy assembly fabrication

// FIXED FLANGE - MUFF COUPLING - PN 10 / ASA150 / TABLE D-E

ALFATRACTO 719 - Muff coupling - Designed for 719AA corrugated cover hose - Aluminium



Flanges: elliptical drilling pattern compatible with

- EN 1092-1 PN10
- ANSI ASME B16.5 ASA150
- AS 2129 TABLE D-E

Refer to below table.

Item Code	Product Code	Hose ID	Hose ID	Thread type	Head DN	Head DN	Flange compatibility	A	B	N° Hole
		in	mm		in	mm		mm	mm	
2307875	I5MFU61A-AC0051	2"	51,0	UNIV	2"	51,0	PN10/ASA150/TAB.D-E	165	120	6
2307876	I5MFU61A-AC0063	2 1/2"	63,0	UNIV	2 1/2"	63,0	PN10/ASA150	185	140	6
2307877	I5MFU61A-AC0076	3"	76,0	UNIV	3"	76,0	PN10/ASA150/TAB.D-E	200	154	6
2307878	I5MFU61A-AC0102	4"	102,0	UNIV	4"	102,0	PN10/ASA150/TAB.D-E	230	182	6
2307879	I5MFU61A-AC0127	5"	127,0	UNIV	5"	127,0	PN10/ASA150/TAB.D-E	255	213	6
2307880	I5MFU61A-AC0152	6"	152,0	UNIV	6"	152,0	PN10/ASA150/TAB.D-E	285	236	6
2307881	I5MFU61A-AC0203	8"	203,0	UNIV	8"	203,0	PN10/ASA150/TAB.D-E	345	292	8
2307882	I5MFU61A-AC0254	10"	254,0	UNIV	10"	254,0	PN10/ASA150/TAB.E	405	353	12
2307883	I5MFU61A-AC0305	12"	305,0	UNIV	12"	305,0	PN10/ASA150/TAB.D-E	495	418	12

Coupling complete with bolts, nuts and washers.

// ASSEMBLY PROCEDURE



1. Measure and mark the hose to the required length



2. Cut the hose with a sharp cutting tool up to the steel helix wire



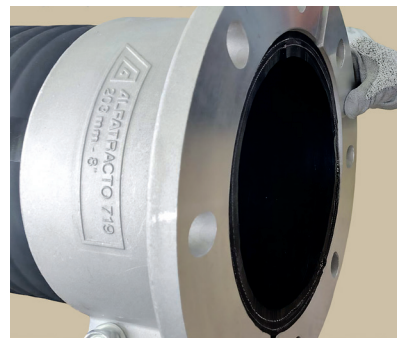
3. Cut the steel helix wire. The wire must not protrude past the end of the hose



4. Place the two half shells onto the hose and tighten the side flange bolts. The corrugation inside the muff coupling must align exactly with the corrugation of the hose cover



5. Cut off excess hose protruding past the coupling face



6. The hose assembly is now ready





HEADQUARTER

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