

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.

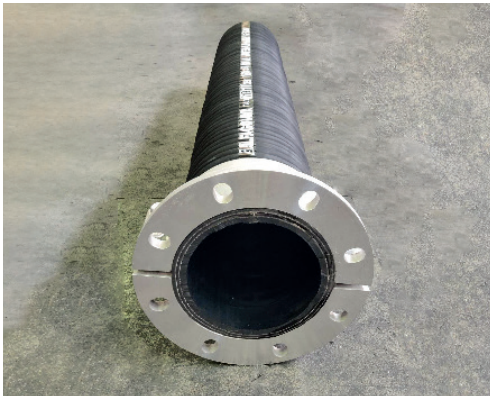
Constant operation: -30 °C +80 °C (-22 °F +176 °F)

Item Code										Length
	mm	in	mm	in	bar	bar	mm	kg/m	%	
2016497	51,0	2"	75,00	2,95	10	30	255,0	3,100	90	20,00
2016498	63,0	2 1/2"	88,00	3,46	10	30	315,0	4,000	90	20,00
2016499	76,0	3"	114,00	4,49	10	30	380,0	7,300	90	20,00
2014908	102,0	4"	133,00	5,24	10	30	510,0	8,000	90	20,00
2015445	127,0	5"	162,00	6,38	10	30	635,0	12,100	90	20,00
2014909	152,0	6"	188,00	7,40	10	30	760,0	14,100	90	20,00
2014910	203,0	8"	241,00	9,49	10	30	1624,0	19,500	80	20,00
2016997	254,0	10"	292,00	11,50	10	30	2032,0	24,400	80	12,20
2015341	305,0	12"	348,00	13,70	10	30	2440,0	36,900	80	12,20

// FITTINGS

ALFATRACTO 719 MUFF COUPLING - UNIVERSAL FLANGE

- Aluminium light weight flanged connection system
- Split half couplings externally bolt mounted
- Universal flanges with elliptical drilling pattern compatible with:
 - EN 1092-1 PN10
 - ANSI ASME B16.5 ASA150
 - AS 2129 TABLE D-E
- Couplings internal corrugations are designed to match with the 719AA hose cover corrugations - providing maximum coupling retention
- Couplings are re-usable as they are designed not to come in contact with the abrasive medium
- On site quick and easy assembly



// 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

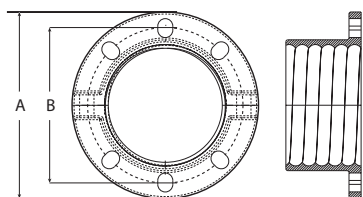


3 Cut the steel helix wire. The wire must not protrude past the end of the hose

// I5MFU61AAC

FIXED SPLIT FLANGE - PN 10 / ASA150 / TABLE D-E

ALFATRACTO 719 - Muff coupling - Designed for use with 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.

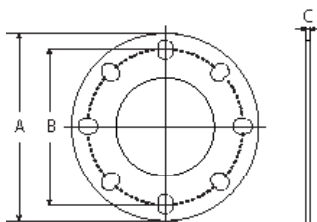
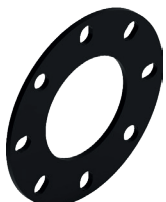
Coupling complete with bolts, nuts and washers.

Item Code	Product Code	Hose ID (in)	Hose ID (mm)	Thread type	Head DN (in)	Head DN (mm)	Flange compatibility	A (mm)	B (mm)	N° Hole
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

// ISJ0FU

FLANGE SEAL FOR ALFATRACTO 719 - MUFF COUPLING

Elliptical drilling pattern compatible with PN 10 / ASA150 / Table D-E - Black SBR



Item Code	Product Code	DN (in)	DN (mm)	A (mm)	B (mm)	C (mm)
2308060	ISJ0FU-051	2"	51,0	165	120	8
2308061	ISJ0FU-063	2 1/2"	63,0	185	140	8
2308062	ISJ0FU-076	3"	76,0	200	154	8
2308063	ISJ0FU-102	4"	102,0	230	182	8
2308064	ISJ0FU-127	5"	127,0	255	213	8
2308065	ISJ0FU-152	6"	152,0	285	236	8
2308066	ISJ0FU-203	8"	203,0	345	292	8
2308067	ISJ0FU-254	10"	254,0	405	353	8
2308068	ISJ0FU-305	12"	305,0	495	418	8



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



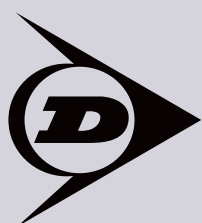
5

Cut off excess hose protruding past the coupling face



6

The hose assembly is now ready



HEAD OFFICE DUNLOP HIFLEX SCANDINAVIA

Dunlop Hiflex AB

Seldonsvägen 2

302 62 Halmstad

Tel +46 (0)10-414 44 00

info@dunlophiflex.se

www.dunlophiflex.se