

// 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 - also hydrocarbon and seawater resistant
- Corrugated cover to enhance flexibility and ease of installation
- Multiple layers of textile fabrics with embedded steel helix wire reinforcement to provide pressure and vacuum capabilities
- 10 bar working pressure with 3:1 safety factor
- 100% vacuum
- Conductive tube and cover to ensure safe use in potentially explosive environments
- Available from ID 51 to 305 mm

// 719AA **NEW**



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.

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

| ID (mm) | ID (in) | OD (mm) | OD (in) | WP (bar) | WP (psi) | BP (bar) | BP (psi) | BR (mm) | BR (in) | Vacuum % | Weight (kg/m) | Weight (lb/ft) |
|---------|---------|---------|---------|----------|----------|----------|----------|---------|---------|----------|---------------|----------------|
| 51,0 | 2" | 75,0 | 2,95 | 10 | 150 | 30 | 450 | 255 | 10,04 | 100,00 | 3,100 | 2,09 |
| 63,0 | 2 1/2" | 88,0 | 3,46 | 10 | 150 | 30 | 450 | 315 | 12,40 | 100,00 | 3,980 | 2,68 |
| 76,0 | 3" | 114,0 | 4,49 | 10 | 150 | 30 | 450 | 380 | 14,96 | 100,00 | 7,370 | 4,96 |
| 102,0 | 4" | 133,0 | 5,24 | 10 | 150 | 30 | 450 | 510 | 20,08 | 100,00 | 7,810 | 5,25 |
| 127,0 | 5" | 165,0 | 6,50 | 10 | 150 | 30 | 450 | 635 | 25,00 | 100,00 | 12,100 | 8,14 |
| 152,0 | 6" | 188,0 | 7,40 | 10 | 150 | 30 | 450 | 760 | 29,92 | 100,00 | 14,180 | 9,53 |
| 203,0 | 8" | 243,0 | 9,57 | 10 | 150 | 30 | 450 | 1218 | 47,95 | 100,00 | 18,630 | 12,53 |
| 254,0 | 10" | 294,0 | 11,57 | 10 | 150 | 30 | 450 | 1524 | 60,00 | 100,00 | 23,350 | 15,70 |
| 305,0 | 12" | 354,0 | 13,94 | 10 | 150 | 30 | 450 | 2440 | 96,06 | 100,00 | 28,870 | 19,41 |

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// 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

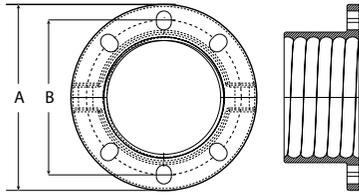


3 Cut the steel helix wire. The wire must not protrude past the end of the hose

// 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.

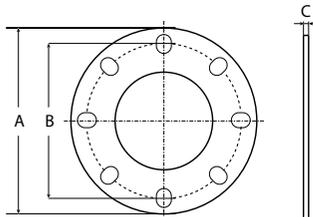
Coupling complete with bolts, nuts and washers.

| 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 |

// ISJOFU

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 | ISJOFU-051 | 2" | 51,0 | 165 | 120 | 8 |
| 2308061 | ISJOFU-063 | 2 1/2" | 63,0 | 185 | 140 | 8 |
| 2308062 | ISJOFU-076 | 3" | 76,0 | 200 | 154 | 8 |
| 2308063 | ISJOFU-102 | 4" | 102,0 | 230 | 182 | 8 |
| 2308064 | ISJOFU-127 | 5" | 127,0 | 255 | 213 | 8 |
| 2308065 | ISJOFU-152 | 6" | 152,0 | 285 | 236 | 8 |
| 2308066 | ISJOFU-203 | 8" | 203,0 | 345 | 292 | 8 |
| 2308067 | ISJOFU-254 | 10" | 254,0 | 405 | 353 | 8 |
| 2308068 | ISJOFU-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

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:
 - » Inventory 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

