ALFATRACTO 719
ABRASIVE SLURRY HANDLING SYSTEM
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

THE MOST COST EFFECTIVE SOLUTION FOR ABRASIVE SLURRIES HANDLING

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

www.alfagomma.com
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)

<table>
<thead>
<tr>
<th>mm</th>
<th>in</th>
<th>mm</th>
<th>in</th>
<th>bar</th>
<th>psi</th>
<th>bar</th>
<th>psi</th>
<th>mm</th>
<th>in</th>
<th>kg/m</th>
<th>lb/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.0</td>
<td>2”</td>
<td>75.00</td>
<td>2.95</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>255.0</td>
<td>10.04</td>
<td>90</td>
<td>3,100</td>
</tr>
<tr>
<td>63.0</td>
<td>2 1/2”</td>
<td>88.00</td>
<td>3.46</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>315.0</td>
<td>12.40</td>
<td>90</td>
<td>4,000</td>
</tr>
<tr>
<td>76.0</td>
<td>3”</td>
<td>114.00</td>
<td>4.49</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>380.0</td>
<td>14.96</td>
<td>90</td>
<td>7,300</td>
</tr>
<tr>
<td>102.0</td>
<td>4”</td>
<td>133.00</td>
<td>5.24</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>510.0</td>
<td>20.08</td>
<td>90</td>
<td>8,000</td>
</tr>
<tr>
<td>127.0</td>
<td>5”</td>
<td>162.00</td>
<td>6.38</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>635.0</td>
<td>25.00</td>
<td>90</td>
<td>12,100</td>
</tr>
<tr>
<td>152.0</td>
<td>6”</td>
<td>188.00</td>
<td>7.40</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>760.0</td>
<td>29.92</td>
<td>90</td>
<td>14,100</td>
</tr>
<tr>
<td>203.0</td>
<td>8”</td>
<td>241.00</td>
<td>9.49</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>1624.0</td>
<td>63.84</td>
<td>80</td>
<td>19,500</td>
</tr>
<tr>
<td>254.0</td>
<td>10”</td>
<td>292.00</td>
<td>11.50</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>2032.0</td>
<td>80.00</td>
<td>80</td>
<td>24,400</td>
</tr>
<tr>
<td>305.0</td>
<td>12”</td>
<td>348.00</td>
<td>13.70</td>
<td>10</td>
<td>150</td>
<td>30</td>
<td>450</td>
<td>2440.0</td>
<td>96.06</td>
<td>80</td>
<td>36,900</td>
</tr>
</tbody>
</table>

Dimensions shown may be changed without prior notice
**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

---

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

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

### Item Code | Product Code | Hose ID | Hose ID | Thread type | Head DN | Head DN | Flange compatibility | A | B | N° Hole
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
2307875 | ISMFU61A-AC0051 | 2” | 51,0 | UNIV | 2” | 51,0 | PN10/ASA150/TAB.D-E | 165 | 120 | 6
2307876 | ISMFU61A-AC0063 | 2 1/2” | 63,0 | UNIV | 2 1/2” | 63,0 | PN10/ASA150 | 185 | 140 | 6
2307877 | ISMFU61A-AC0076 | 3” | 76,0 | UNIV | 3” | 76,0 | PN10/ASA150/TAB.D-E | 200 | 154 | 6
2307878 | ISMFU61A-AC0092 | 4” | 102,0 | UNIV | 4” | 102,0 | PN10/ASA150/TAB.D-E | 230 | 182 | 6
2307879 | ISMFU61A-AC0102 | 5” | 127,0 | UNIV | 5” | 127,0 | PN10/ASA150/TAB.D-E | 255 | 213 | 6
2307880 | ISMFU61A-AC0152 | 6” | 152,0 | UNIV | 6” | 152,0 | PN10/ASA150/TAB.D-E | 285 | 236 | 6
2307881 | ISMFU61A-AC0203 | 8” | 203,0 | UNIV | 8” | 203,0 | PN10/ASA150/TAB.D-E | 345 | 292 | 8
2307882 | ISMFU61A-AC0254 | 10” | 254,0 | UNIV | 10” | 254,0 | PN10/ASA150/TAB.E | 405 | 353 | 12
2307883 | ISMFU61A-AC0305 | 12” | 305,0 | UNIV | 12” | 305,0 | PN10/ASA150/TAB.D-E | 495 | 418 | 12

Coupling complete with bolts, nuts and washers.

Dimensions shown may be changed without prior notice.
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