



## **ALFAGOMMA**

### **MUFF COUPLING HOSE SYSTEM**

**Is designed to provide  
the most cost effective  
method of handling  
abrasive slurries.**

- Abrasive resistant tube provides longer service life.
- Re-usable couplings reduce replacement costs.
- Standard stock line reduces inventory costs.
- The ability to cut to size and assemble on site reduces delivery lead times.

# **ALFAGOMMA**

**Australia Pty. Ltd.**

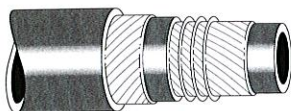
**SETTING NEW STANDARDS**



## ALFAGOMMA Muff Coupling Hose

Alfa Gomma manufacture two ranges of muff coupling hose which can be used with customer's existing couplings.

### T706 MATERIALS HANDLING SUCTION AND DELIVERY

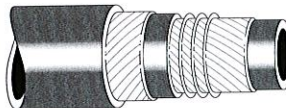


Heavy duty suction and delivery hose for the transfer of abrasive slurries. Suitable for use with industrial muff couplings.

<b>Tube</b>	Black NAT - static conducting - abrasive resistant.
<b>Reinforcement</b>	High tensile textile cords - double wire helix.
<b>Cover</b>	Black NAT/SBR blend - green stripe.
<b>Temperature Range</b>	-40°C + 85°C
<b>Working Pressure</b>	Constant pressure: 150 psi 3:1 SF

Product Code	ID (mm)	OD (mm)	Weight (kg/m)	Length (metres)
T706076	76	103.0	3.81	20 & 61
T706102	102	128.5	5.54	20 & 61
T706127	127	158.1	7.63	20 & 61
T706152	152	183.5	9.00	20 & 61
T706203	203	234.5	14.14	10
T706254	254	286.5	19.28	10
T706300	300	344.5	35.40	10

### T707 MINE SLURRY/MUFF COUPLING



Heavy duty suction and delivery hose for the transfer of abrasive slurries. Suitable for use with industrial muff coupling.

<b>Tube</b>	Black NAT - static conducting - abrasive resistant.
<b>Reinforcement</b>	High tensile textile cords - double wire helix.
<b>Cover</b>	Black NAT/SBR blend - yellow stripe.
<b>Temperature Range</b>	-40°C + 85°C
<b>Working Pressure</b>	Constant pressure: 150 psi 3:1 SF

Product Code	ID (mm)	OD (mm)	Weight (kg/m)	Length (metres)
T707051	51	70	2.40	20 & 61
T707076	76	98	3.95	20 & 61
T707102	102	124	5.78	20 & 61
T707152	152	178	9.82	20 & 61
T707203	203	238	15.37	10

## ALFAGOMMA Muff Couplings

Alfa Gomma couplings are manufactured to suit both the T706 & T707 hose range.

### MCT706 COUPLINGS TO SUIT T706 HOSE.

Product Code	Hose ID (mm)	Coupling ID (mm)	FLANGE FACE				SIDE FLANGE		Weight of Complete Coupling (kg)
			No. of Bolt Holes	P.C.D. (mm)	Bolt Size (mm)	Outside Diameter of Flange (mm)	No. of Clamp Holes	Bolt Size (mm)	
MCT706076	76	103	4	146	M16	185	4	M16	3.6
MCT706102	102	128	4	178	M16	215	4	M16	4.5
MCT706127	127	158	8	210	M16	254	6	M16	5.9
MCT706152	152	183	8	235	M16	280	6	M16	6.8
MCT706203	203	234	8	292	M20	335	6	M20	10.8
MCT706254	254	286	8	356	M20	405	6	M20	16.6
MCT706300	300	344	12	406	M24	455	6	M24	23.0

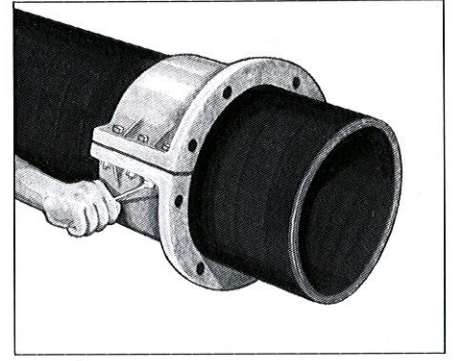
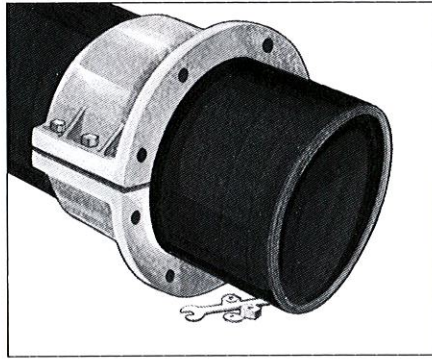
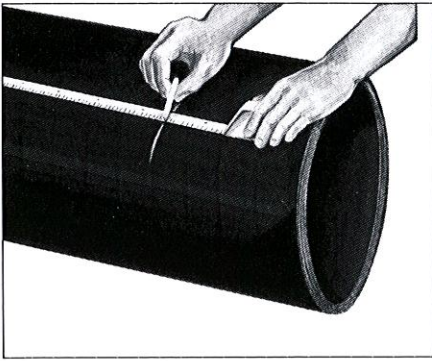
### MCT707 COUPLINGS TO SUIT T707 HOSE.

Product Code	Hose ID (mm)	Coupling ID (mm)	FLANGE FACE				SIDE FLANGE		Weight of Complete Coupling (kg)
			No. of Bolt Holes	P.C.D. (mm)	Bolt Size (mm)	Outside Diameter of Flange (mm)	No. of Clamp Holes	Bolt Size (mm)	
MCT707051	51	70	4	123	M16	150	4	M12	2.0
MCT707076	76	98	4	146	M16	185	4	M12	3.6
MCT707102	102	124	6	178	M16	215	4	M12	4.5
MCT707152	152	178	6	235	M16	280	6	M16	6.8
MCT707203	203	238	8	292	M20	335	6	M16	10.8

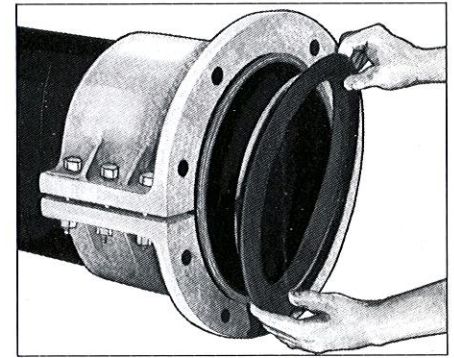
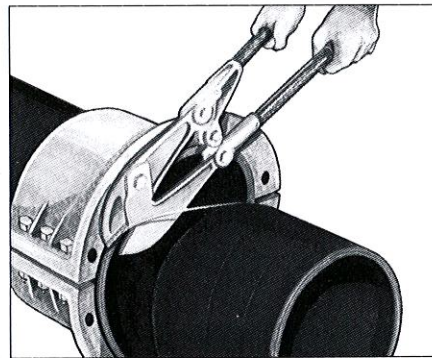
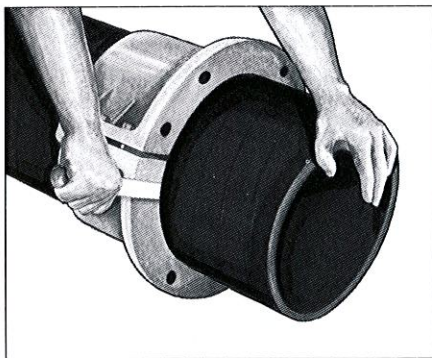
N.B. MCT706 Couplings drilled to Table D. MCT707 Couplings slot-drilled to Table D, E and ANSI 150. Other drilling patterns available on request.



# Installation Procedure

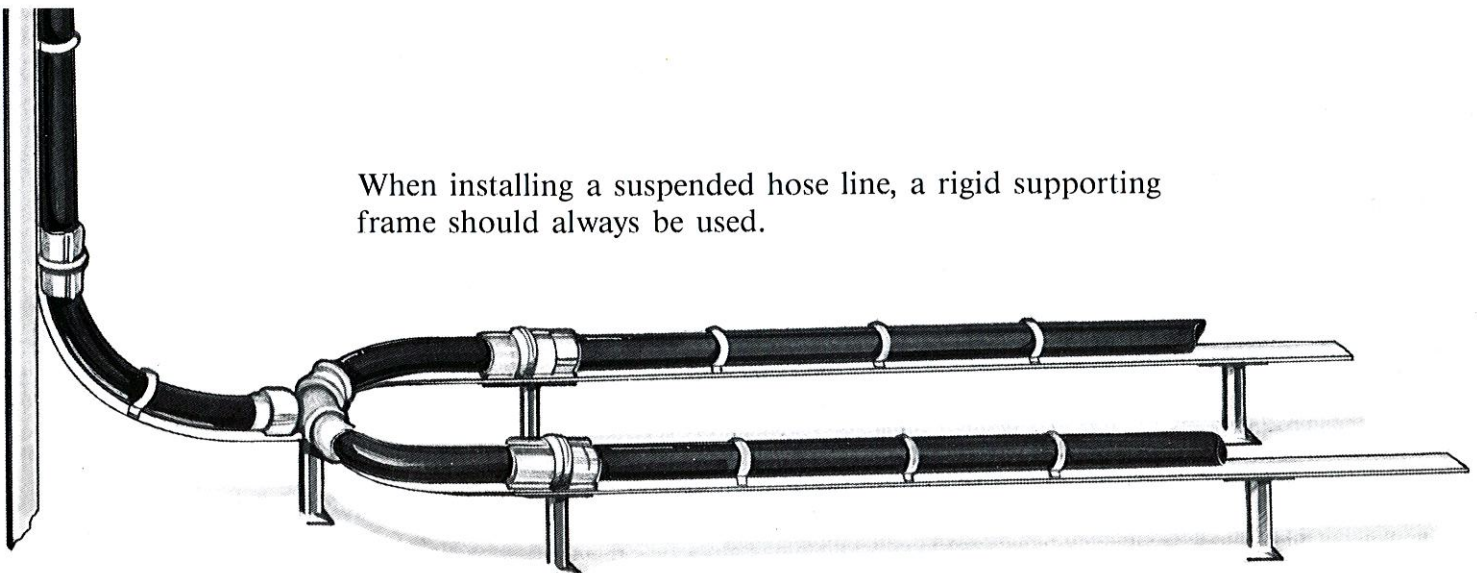


1. Measure and mark the hose to the required length.
2. Place the two halves of the coupling around the hose approximately 5mm back from your mark.
3. Tighten the side flange bolts leaving a gap of approximately 2-3mm. This should provide sufficient grip on the hose.



4. Using a long blade knife and soapy water as a lubricant, cut off excess hose. The flange face can be used as a guide for the knife.
5. Using bolt cutters or a hacksaw, cut the two helix wires flush with the end of the hose. The wire must not protrude out of the hose end.
6. An optional cone ring gasket can be installed if sealing becomes a problem. The use of a cone ring gasket is recommended when joining two hoses together.

When installing a suspended hose line, a rigid supporting frame should always be used.





# Applications

## Industry

## Product

### Mining

Crushed and Ground Ore  
Washed Coal  
Waste Product Disposal

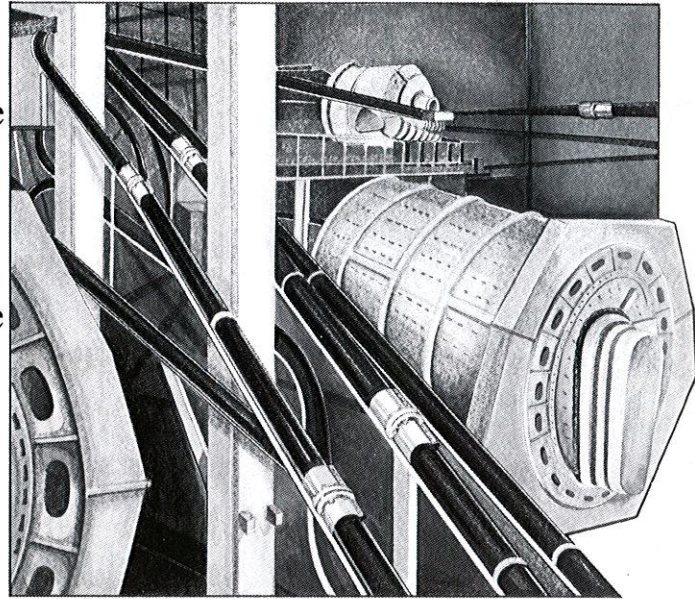
### Quarrying

Sand and River Stone  
Crushed and Ground Ore

### Cement

Limestone  
Coral  
Cement Powder

*Plus Any Abrasive Slurry*



## Storage and Handling

1. Store in a flat relaxed position.
2. Avoid ozone attack by storing hoses out of direct sunlight and away from electric motors.
3. Avoid kinking during transportation with the use of a spreader bar.



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