

## Mining

## T-707 AA

**MINE SLURRY SUCTION &  
DELIVERY 10 BAR (150 PSI) -  
MUFF COUPLINGS**


<b>TUBE</b>	BLACK CONDUCTIVE NR - ABRASION RESISTANT APPROX. 50 mm3 (ISO 4649/A)
<b>REINFORCEMENT</b>	HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
<b>COVER</b>	BLACK CONDUCTIVE SBR/NR BLEND - ABRASION AND OZONE RESISTANT
<b>APPLICATION</b>	BULK MATERIAL AND ABRASIVE SLURRIES SUCTION AND DELIVERY. LONG LASTING SERVICE IN HEAVY DUTY MINING APPLICATIONS. DESIGNED FOR MUFF COUPLINGS USE.
<b>TEMPERATURE</b>	-30°C +80°C (-22°F +176°F)
<b>BRAND TEXT</b>	ALFAGOMMA -ITALY- T-707 10 BAR (150 PSI) BULK MATERIAL / MINE SLURRY S&D (omega)
<b>BRAND TYPE</b>	WHITE LETTERS
<b>NOTE</b>	
<b>APPROVALS</b>	
<b>SAFETY FACTOR</b>	3:1

Code	ID mm	ID Inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vac. %	BR mm	Available Length m	Stock Length m
707AA051697UB0	51	2	69	9	2220	10	150	90	304	20/61	
707AA076987UB0	76	3	98	11	4120	10	150	90	304	20/30,5	
707AA102247UB0	102	4	124	11	5400	10	150	90	408	20/30,5	
707AA152787UB0	152	6	178	13	9360	10	150	80	760	20/30,5	
707AA203377UB0	203	8	237	17	17320	10	150	70	1015	10/12,2	
707AA254927UB0	254	10	292	19	23720	10	150	70	1270	10/12,2	

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<b>REINFORCEMENT</b>	HIGH TENSILE TEXTILE CORDS WITH EMBEDDED STEEL HELIX WIRES
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<b>APPLICATION</b>	BULK MATERIAL AND ABRASIVE SLURRIES SUCTION AND DELIVERY. LONG LASTING SERVICE IN HEAVY DUTY APPLICATIONS. DESIGNED FOR MUFF COUPLING USE.
<b>TEMPERATURE</b>	-30°C +80°C (-22°F +176°F)
<b>BRAND TEXT</b>	ALFAGOMMA -ITALY- T-706 10 BAR (150 PSI) BULK MATERIAL HANDLING - S&D (omega)
<b>BRAND TYPE</b>	WHITE LETTERS
<b>NOTE</b>	
<b>APPROVALS</b>	
<b>SAFETY FACTOR</b>	3:1

Code	ID mm	ID Inch	OD mm	Wall mm	Weight g/m	WP bar	WP PSI	Vac. %	BR mm	Available Length m	Stock Length m
706AA076027UD0	76	3	102	13	4850	10	150	90	304	20/30,5	
706AA102287UD0	102	4	128	13	6310	10	150	90	408	20/30,5	
706AA127597UD0	127	5	159	16	9440	10	150	80	635	20/30,5	
706AA152847UD0	152	6	184	16	11420	10	150	80	760	20/30,5	
706AA203357UD0	203	8	235	16	15480	10	150	70	1015	10/12,2	
706AA254867UD0	254	10	286	16	21600	10	150	60	1270	10/12,2	
706AA300447UD0	300	11 13/16	344	22	34490	10	150	60	1500	10/12,2	

## Material Handling Hose

### Masterflex 180AR (Specification 7744)



Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1 1/4	31.8	1.57	39.8	45	0.31	29.8	757	2.0	50	0.46	30	7744-6001
1 1/2	38.1	1.82	46.2	45	0.31	29.8	757	2.0	50	0.55	30	7744-6002
2	50.8	2.35	59.6	40	0.28	29.8	757	2.5	63	0.83	30	7744-6003
2 1/2	63.5	2.87	72.8	35	0.24	29.8	757	2.5	63	1.31	30	7744-6004
3	76.2	3.50	88.9	35	0.24	29.8	757	3.0	76	1.64	30	7744-6005
3 1/2	88.9	4.11	104.3	30	0.21	29.8	757	4.0	101	2.01	30	7744-6006
4	101.6	4.63	117.6	30	0.21	29.8	757	4.5	114	2.64	30	7744-6007
5	127.0	5.63	143.0	30	0.21	28.0	711	5.0	127	3.68	30	7744-6008
6	152.4	6.73	170.9	30	0.21	28.0	711	9.2	234	4.59	30	7744-6009
7	177.8	7.83	198.8	30	0.21	27.0	686	14.0	355	6.11	15	7744-6010
8	203.2	9.04	229.6	30	0.21	27.0	686	15.0	381	8.42	15	7744-6011
10	254.0	11.26	286.0	28	0.19	25.0	635	30.0	762	13.78	6	7744-6012
12	304.8	13.39	340.1	25	0.17	25.0	635	40.0	1016	16.98	6	7744-6013

\* Working Pressure and Suction at +22°C (+72°F).

#### Recommended for:

Heavy duty abrasion resistant hose for transfer of dry bulk materials via suction, pneumatic or gravity systems where abrasion resistance is the primary requirement and a static conductive hose is needed.

Can also be used for vacuum or ducting service or handling abrasives such as crushed rock, sand pea gravel, cement powder, dry fertiliser, iron ore and grains.

Note: This hose was not designed for bulk handling such as unloading of rail cars.

**Temperature:** -40°C to +70°C.

#### Construction:

**Body:** Type D (SBR). Black. Compounded for abrasion resistance and static conductivity. Smooth bore, corrugated O.D.

**Reinforcement:** Rigid PVC helix. Black.

#### Packaging:

**1-1/4" thru 6":** 30m continuous coiled lengths.

**7" and 8":** 15m continuous coiled lengths.

**10" and 12":** 6m continuous lengths.

**Branding:** Labelled "Kanaflex".