

Thermoplastic Hoses

SAE 100 R7 Non-Conductive



Composition: Inner tube: Polyester elastomer
Reinforcement: One or two braids of synthetic fibre
Cover: Orange polyurethane

Working Temperature: From -40°C to +100°C limited to +70°C for water based fluids.

SAE 100 R7 // EN855-R7 // ISO3949-R7: Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50µA when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter.

Description: Meets or exceeds SAE 100R7 - Medium pressure hose suitable for petroleum or high insulation or non-conductivity in high tension environment e.g. near electrical power lines.

Part no.	DN	Ø ID	Ø OD	Working pressure (bar)	Working pressure (psi)	Burst pressure (bar)	Burst pressure (psi)	Bend radius (mm)	Weight (kg/m)
MT07103	3/16"	5.00	9.6	210	3000	840	12000	25	0.060
MT07104	1/4"	6.50	12.2	210	3000	840	12000	35	0.100
MT07105	5/16"	8.10	14.3	190	2700	760	10800	45	0.130
MT07106	3/8"	9.70	16.0	160	2300	640	9200	55	0.150
MT07108	1/2"	13.00	20.3	140	2000	560	8000	75	0.220
MT07110	5/8"	16.30	23.7	105	1500	420	6000	110	0.280
MT07112	3/4"	19.50	27.1	90	1300	360	5200	140	0.335
MT07116	1"	25.90	34.0	70	1000	280	4000	190	0.455