THERMOPLASTIC TUBING AND HOSES

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Thermoplastic self-extinguishing hose MT1 Series

- PRESSURE FROM 70 TO 375BAR
- SAE 100R1 STANDARD, EN 853 1st, EN 857 1SC, MSHA
- SELF-EXTINGUISHING POLYURETHANE COATING



GENERAL INDUSTRY · HIGH PRESSURE · AIR · PAINTS
HYDRAULIC OIL · WATER-BASED FLUIDS · WATER

TECHNICAL FEATURES

Metric

	ID			OD	1:4 WP	R MIN	g	
Code	inch	mm	DN	mm	bar	mm	g/m	Ferrule Code
MT118000	1/8"	3.5	3	7.5	375	30	76	BP18MT1
MT128000	3/16"	4.8	5	10.0	350	30	131	BP316R7
MT138000	1/4"	6.4	6	11.9	300	40	165	BP14MT1
MT148000	5/16"	8.0	8	14.0	240	50	205	BP516R7V
MT158000	3/8"	9.7	10	16.0	225	60	253	BP38R1TV
MT168000	1/2"	13.0	12	19.2	190	75	314	BP12R2TV
MT178000	5/8"	16.3	16	23.3	150	110	406	BP58R7V
MT188000	3/4"	19.2	19	25.5	130	150	447	BP34R7V
MT198000	1"	25.6	25	32.5	105	185	590	BP1R7V
MT1108000	1"1/4	32.0	32	40.0	70	290	842	BP114JC7

TECHNICAL FEATURES

Technical-constructive features:
Inner core in polyamide, reinforcement in high tensile steel braid and exterior covering in self-extinguishing micro perforated polyurethane on request for the conduction of air and compatible gases.

Applications:
hoses of the SELF-EXTINGUISHING MT1 series have been created for hydraulic use and for the high pressure conduction of Polyols, Solvents, Paints and compatible gases, where a V0 self-extinguishing degree is required (UL-94 Standard) for the external covering.

Working temperature:
from –40°C to +100°C from -40°F to +212°F.
Max. working temperature of air, water and water-based fluids is + 70°C (+158°F).

Working pressure:
Safety ratio 1:4

Specifications:
Hoses meet or exceed pressures under SAE 100R1 - EN 853 1st, 1SN - EN 857 1SC - MSHA Standards.

OPTIONAL


Pin-pricking


Cover


Packing


Color


Multi-tube



Long Length

NORMATIVE

EN 853
EN 857
SAE J517-100 R1
MSHA

For any further information about the optional items, please contact the sales office ()