

## MTH1 Series thermoplastic hose - Oil proof Cover\*

- PRESSURE FROM 70 TO 325 BAR
- SAE J517-100R1, EN 853 1ST-1SN, EN 857 1SC STANDARDS
- IDEAL FOR HIGH PRESSURE HYDRAULIC USE



FLUID POWER



HIGH PRESSURE



AIR



HYDRAULIC OIL

## TECHNICAL FEATURES

Metric

Code	ID			OD	1:4 WP	R MIN	g
	inch	mm	DN				
MTH120000	3/16"	4.8	5	10.0	325	30	133
MTH130000	1/4"	6.4	6	11.9	300	40	170
MTH140000	5/16"	8.0	8	14.0	240	50	216
MTH150000	3/8"	9.7	10	16.0	225	60	260
MTH160000	1/2"	13.0	12	19.2	190	75	326
MTH170000	5/8"	16.3	16	23.3	150	110	412
MTH180000	3/4"	19.2	19	25.5	130	150	454
MTH190000	1"	25.6	25	32.5	105	185	590
MTH1100000	1"1/4	32.0	32	40.0	70	290	886

## TECHNICAL FEATURES

### Technical-constructive features:

Inner core in thermoplastic polyester, reinforcement in high tensile steel braid and exterior covering in antiabrasion polyurethane, stabilized against UV rays and microorganisms-resistant, micro perforated on request for the conduction of air and compatible gases.

### Applications:

hoses of the MTH1 Series have been created for high pressure hydraulic use.

### 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

**Vacuum rating:**

0.93 bar; 700 mm Hg

**Specifications:**

Hoses meet or exceed pressures of SAE J517-100R1, EN 853 1ST-1SN, EN 857 1SC Standards.

**\*The oil-proof feature of the cover means that the hose is resistant to prolonged contact with oils and lubricants.**

**OPTIONAL**


 Pin-pricking

 Cover

 Packing

 Color

 Multi-tube

 Long Length

**NORMATIVE**

EN 853

EN 857

SAE J517-100 R1

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