

# THERMOPLASTIC HOSES MT1HT-PTFE SERIES

## FOR HIGH TEMPERATURE

从 70 bar 到 375 bar



135° C

符合或超过SAE 100R1标准压力的MT1HT-PTFE 系列钢编织软管技术特点

Technical features of the MT1HT-PTFE series hoses with steel braid meeting or exceeding SAE 100R1 standard pressures

### 数据表-高温用热塑性软管MT1HT-PTFE系列

#### DATA SHEET - THERMOPLASTIC HOSES MT1HT-PTFE SERIES FOR HIGH TEMPERATURE

参考 Reference	Ø				压力在 23°C PRESSURE AT 23°C	压力 PRESSURE	半径 RADIUS		重量 Weight (g/m)	金属箍 代码 Ferrule Code
	内径 internal (inch)	内径 internal (mm)	外径 external (inch)	外径 external (mm)	爆破 (最小) min. Burst (bar)	工作 (最大) Working max. (bar)	弯曲 (最小) min. Bend (mm)	弯曲 (最小) min. Bend (inch)		
MT110000HT	1/8"	3.5	0.295	7.5	1500	375	30	1.18	76	BP18MT1
MT120000HT	3/16"	4.8	0.394	10.0	1400	350	30	1.18	133	BP316R7
MT130000HT	1/4"	6.4	0.469	11.9	1200	300	40	1.57	165	BP14MT1
MT140000HT	5/16"	8.0	0.551	14.0	960	240	50	1.97	205	BP516R7V
MT150000HT	3/8"	9.7	0.630	16.0	900	225	60	2.36	253	BP38R7V
MT160000HT	1/2"	13.0	0.756	19.2	760	190	75	2.95	314	BP12R7V
MT170000HT	5/8"	16.3	0.917	23.3	600	150	110	4.33	406	BP58R7V
MT180000HT	3/4"	19.2	1.003	25.5	520	130	150	5.91	447	BP34R7V
MT190000HT	1"	25.6	1.280	32.5	420	105	185	7.28	590	BP1R7V
MT1100000HT	1 1/4"	32.0	1.574	40.0	280	70	290	11.41	842	BP114JC7

#### 技术构造特征：

聚四氟乙烯内芯，高强度钢编织增强，抗磨损聚氨酯外覆，根据需求，还可提供用于空气和兼容气体的微穿孔版本。

#### 应用程序：

MT1HT-PTFE 系列软管用于液压油、腐蚀性化学品和食品的高温高压传导。

#### 使用温度：

从-40°C 到 +135°C

#### 工作压力：

安全比例 1:4

#### 真空等级：

0.93 bar

#### 规格说明：

这些软管符合或超过标准 SAE 100R1 - EN853 1ST, 1SN - EN 857 1SC 压力。

#### Technical-constructive features:

Internal core in PTFE, reinforcement in high tensile steel braid, exterior covering in antiabrasion polyurethane, on request it is also available in micro perforated version for air and compatible gas.

#### Applications:

The MT1HT-PTFE series hoses have been created for the high pressure conduction in high temperature of hydraulic oils, corrosive chemicals and food.

#### Utilization temperature:

From -40°C to +135°C

#### Working pressure:

Safety ratio 1:4

#### Vacuum Rating:

0,93 bar

#### Specifications:

These hoses meet or exceed standards SAE 100R1, EN 853 1ST, 1SN - EN 857 1SC pressure.

