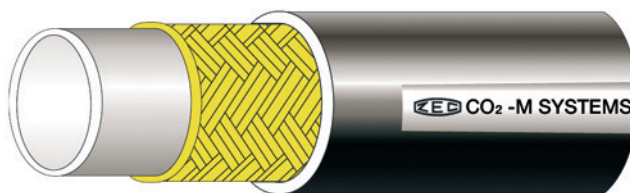


# THERMOPLASTIC HOSES CO<sub>2</sub>-M SYSTEMS SERIES

从 150 bar 到 350 bar



符合或超过SAE 100R1标准压力的CO<sub>2</sub>-M SYSTEMS 系列钢编织软管技术特点

Technical features of the CO<sub>2</sub>-M SYSTEMS series hoses with steel braid meeting or exceeding SAE 100R1 standard pressure

## 数据表-热塑性塑料软管 CO<sub>2</sub>-M SYSTEMS系列 DATA SHEET - THERMOPLASTIC HOSES CO<sub>2</sub>-M SYSTEMS SERIES

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)		
MTH127100	3/16"	4.8	0.394	10.0	1400	350	30	1.18	133	BP316R7
MTH137100	1/4"	6.4	0.469	11.9	1200	300	40	1.57	170	BP14MT1
MTH147100	5/16"	8.0	0.551	14.0	960	240	50	1.97	221	BP516R7V
MTH157100	3/8"	9.7	0.630	16.0	900	225	60	2.36	260	BP38R7V
MTH167100	1/2"	13.0	0.756	19.2	760	190	75	2.95	326	BP12R7V
MTH177100	5/8"	16.3	0.917	23.3	600	150	110	4.33	412	BP58R7V

### 技术构造特征：

热塑性聚合物内芯，高强度钢编织增强，抗磨损聚氨酯船用外壳，抗紫外线，耐微生物，气体微穿孔。  
根据要求，可提供双线或多线结构。

### 应用程序：

CO<sub>2</sub>-M SYSTEMS 系列软管是为高压环境下的CO<sub>2</sub>气体灭火系统而设计的。

### 使用温度：

从-40°C到 +100°C

空气、水和含水液体的最高工作温度：+ 70°C。( +158 ° F)

### 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 thermoplastic polymer, reinforcement in high tensile steel braid, exterior covering in antiabrasion polyurethane MARINE type, stabilized to UV rays and resistant to micro-organisms, micro perforated for gas.

On request, TWIN-LINE or MULTI-LINE construction available.

### Applications:

The CO<sub>2</sub>-M SYSTEMS series hoses have been created for CO<sub>2</sub> gas fire extinguishing systems at high pressure environments.

### Utilization temperature:

From -40°C to +100°C

Max. working temperature of air, water and fluids containing water: + 70°C. (+158°F)

### 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.

