

# ROCKMASTER/2SC

## CANALCLEAN HOSES



Dual-purpose **ROCKMASTER**  
high abrasion hoses.

[www.manuli-hydraulics.com](http://www.manuli-hydraulics.com)

**manuli**  
HYDRAULICS

## TECHNICAL SPECIFICATIONS:

### Continuous Service Temperature Range

-40.0 °F - 212 °F  
-40.0 °C - 100 °C

### Safety Factor

Hydraulics: 4:1  
Canal Cleaning: 2,5:1

### Tube

Oil resistant synthetic rubber.

### Reinforcement

Two high tensile steel braids.

### Working Pressures

Hydraulics: 275 (DN 12), 245 bar (DN 19) & 210 bar (DN 25)  
Canal Cleaning: 330 bar

### Cover

STRONG - TYPE "SD" Synthetic rubber with high abrasion, ozone, weather and heat resistance.

### Type Approvals










ABS; BV; DNV-GL; LR; MA; MSHA; RINA; Polish B; CCS.

### Applicable Standards

Exceed EN 857 2SC: ISO 11237 2SC: SAE 100 R16. In addition: DN 25 SAE 100 R17, ISO 11237 R17.

### Fluids

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water.

																	
PART REF.	HOSE SIZE			R.O.D		O.D		MAX. W.P		BURST		MIN. BEND		WEIGHT		FITTINGS	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Std 1	Std 2
H01178012MYC9	12	-8	1/2"	18.5	0.72	20.3	0.79	275	3980	1220	17694	80.0	3.14	488	0.33	MF + M03300-08	OPF-08
H01178019MYC9	19	-12	3/4"	25.6	1.0	27.6	1.08	245	3550	980	14213	120.0	4.72	777	0.52	MF + M03400-12	OPF-12
H01178025MYC9	25	-16	1"	33.0	1.29	35.2	1.38	210	3040	840	12183	150.0	5.9	1172	0.79	MF + M03400-16	OPF-16

## FEATURES & BENEFITS:

- **Compact Design:** For ease of use in tight spaces in both industrial and commercial settings.
- **Superior Abrasion Resistance:** Ensuring reliable and long-lasting performance.
- **High Ozone and Weather Resistance:** Durable in various environmental conditions.
- **Built for Demanding Industries:** The SMOOTH cover is engineered to handle tough conditions.
- **Flame-Resistant Cover:** Suitable for a wide range of specifications.
- **Antistatic and Antitoxic Properties:** Offering enhanced safety.
- **Fixed Lengths:** Available in 120m fixed lengths particularly for sewer cleaning.
- **Working Pressure:** 330 bar, safety factor burst/working pressure 2.5:1 for Canal Clean applications

## APPLICATIONS:

**Hydraulics:** medium-high pressure lines with installation constraints in severe environmental conditions, specific installations with tough abrasion conditions, underground and open pit mining, return and suction lines.

**Canal Cleaning:** A high-performance hose designed for efficient removal of blockages in sewer systems. Engineered for exceptional pressure resistance, flexibility, and durability, it is ideal for industrial, municipal, and commercial applications. The perfect choice for professionals in the wastewater and drainage maintenance industry.

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