

ROCKMASTER/13

ABRASION, WEATHER & HEAT RESISTANCE



HOSES
H11-10

KEY FEATURES

- Validated for high fatigue resistance
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- BIO biological and mineral oils compatibility

APPLICATIONS & FLUIDS

- Hydraulics: heavy duty power lines, hydrostatic transmissions, severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining
- Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

TECHNICAL DATA

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	Std1	Std2
H10035A06*	6	- 4	1/4"	14,6	0,57	17,6	0,69	690	10000	3250	47130	120	4,72	660	0,44		
H10035A10*	10	- 6	3/8"	17,4	0,69	20,4	0,80	690	10000	2900	42060	150	5,91	830	0,56		
H10035A12*	12	- 8	1/2"	21,5	0,85	24,5	0,96	620	8990	2500	36250	200	7,87	1140	0,77		
H10035019*	19	- 12	3/4"	29,0	1,14	31,8	1,25	350	5070	1950	28280	240	9,45	1630	1,10	IP+M01500-12	SP+M05400-12
H10035025*	25	- 16	1"	36,0	1,42	39,2	1,54	350	5070	1650	23930	300	11,81	2190	1,47	IP+M01500-16	SP+M05400-16
H10035032*	31	- 20	1.1/4"	47,0	1,85	50,0	1,97	350	5070	1500	21750	420	16,54	3600	2,42	IP+M01600-20	SP+M05500-20
H10035040*	38	- 24	1.1/2"	54,6	2,15	57,5	2,26	350	5070	1600	23200	500	19,69	4700	3,16	IP+M01600-24	SP+M05500-24
H10035051*	51	- 32	2"	68,4	2,69	72,0	2,83	350	5070	1500	21750	630	24,80	6800	4,57	IP+M01800-32	SP+M05500-32

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 250 °F
-40 °C / 121 °C

MAX OPERATING TEMPERATURE

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel spirals (DN 6÷25). Six high tensile steel spirals (DN 31÷51)

COVER

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceed EN 856 R13; SAE 100 R13; ISO 3862 R13

TYPE APPROVALS

ABS; BV; DNV-GL; BV MED; FRAS; LR; CU-TR; MA; MSHA; RINA; B