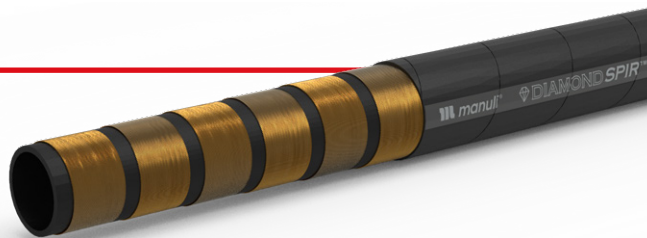


DIAMONDSPIR

VERY HIGH PRESSURE



HOSES

62

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	Std 1	Std 2
H10018019*	19	-12	3/4"	29.1	1.15	32.1	1.26	560	8,120	2,240	32,480	280	11.02	1,660	1.12	IP+M01850-12	
H10018025*	25	-16	1"	38.2	1.50	41.2	1.62	560	8,120	2,240	32,480	350	13.78	2,910	1.96	IP+M01850-16	
H10018032*	31	-20	1.1/4"	47.7	1.88	50.9	2.00	525	7,610	2,100	30,450	420	16.54	4,210	2.83	IP+M01850-20	
H10018038*	38	-24	1.1/2"	55.2	2.17	58.7	2.31	475	6,880	1,900	27,550	500	19.69	5,230	3.51	IS+M02700-24	
H10018051*	51	-32	2"	68.4	2.69	71.9	2.83	420	6,090	1,680	24,360	600	23.62	6,680	4.49	IS+M02700-32	

KEY FEATURES

- Very high pressure resistance
- 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, in severe environmental conditions, specific installations with tough abrasion conditions, off-shore 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

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Six high tensile steel spirals (DN 25-76). Four high tensile steel spirals (DN 19)

COVER

STRONG - TYPE "SD"

Synthetic rubber with high abrasion, ozone, weather and heat resistance

APPLICABLE SPECS

Manuli® Design exceeds ISO 3862 R15

TYPE APPROVALS

ABS; FRAS; CU-TR; MSHA; MA