

FLEXOR 1SN/R1AT MINETUFF HYDRAULIC HOSE

THE FLEXOR 1SN/R1AT IS A SINGLE WIRE BRAID HYDRAULIC HOSE FOR MEDIUM PRESSURE SERVICE WITH HIGH TEMPERATURE PETROLEUM-BASED HYDRAULIC FLUIDS, HOT OIL, GREASE, LUBRICANTS AND CRUDE OILS, AIR AND WATER. *FOR AIR OR GAS APPLICATION ABOVE 250 PSI (1.7 Mpa) THE COVER SHOULD BE PIN PRICKED.



Construction:

Tube – Seamless synthetic rubber, black... oil-resistant.

Reinforcement – High tensile steel wire braid.

Cover – Synthetic rubber, black... weather, oil, fuel, ozone and abrasion-resistant.

Branding – ALFAGOMMA FLEXOR 1SN ID ...WP ...MPa (...PSI) – SAE 100 R1AT – EN 853 1SN MSHA IC-152/16... Q/YR DN ...

TR1MT – Single wire braid

Meets or exceeds

ISO 1436-1 - SAE 100 R1AT/R1S

EN 853 1SN

MSHA IC-152/16 approved

Temperature Range: -40°F (-40°C) to 212°F (100°C) constant operation.

Air maximum temperature: 160°F (70°C).

Note: Operating temperatures in excess of 212°F (100°C) may materially reduce the life of the hose.

Nominal Specifications

Series Number	Size Code	Nominal ID		Nominal OD		Max Working [†] Pressure (psi)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations			
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		AlfaCrimp One-Piece	Two-Piece Couplings		
											Ferrule Non-Skive	Ferrule Skive	
TR1MT	04	1/4	6	0.51	13.0	3,270	4.0	100	0.13	B	AF1	AS2	
TR1MT	05	5/16	8	0.57	14.5	3,120	4.6	115	0.16	B	AF1	AS2	
TR1MT	06	3/8	10	0.68	17.2	2,610	5.2	130	0.20	B	AF1	AS2	
TR1MT	08	1/2	13	0.79	20.1	2,320	7.2	180	0.25	B	AF1	AS2	
TR1MT	10	5/8	16	0.91	23.1	1,890	8.0	200	0.28	B	D	AF1	AS2
TR1MT	12	3/4	19	1.07	27.3	1,530	9.6	240	0.38	B	D	AF1	AS2
TR1MT	16	1	25	1.39	35.2	1,280	12.0	300	0.58	B	D	AF1	AS2
TR1MT	20	1 1/4	32	1.67	42.5	920	16.8	420	0.74		D	AF1	AS1
TR1MT	24	1 1/2	38	1.96	49.7	730	20.0	500	0.89		D	AF1	AS1
TR1MT	32	2	51	2.48	62.9	580	25.2	630	1.23		D	AF1	AS1

[†] Minimum burst pressure 4-to-1 safety factor.

STANDARD PRESSURE