

## Single wire braid hydraulic hose on easy-to-handle reels – TR1MT - MINETUFF



### TR1MT – Single wire braid

Meets or exceeds  
ISO 1436-1 - SAE 100 R1AT/R1S  
EN 853 1SN  
MSHA IC-152/16 approved

### General Applications:

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.

### Service 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.*

### Branding:

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

## Nominal Specifications

Series Number	Size Code	ID		OD		Max Working Pressure† (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations	
		(in)	(mm)	(in)	(mm)		(in)	(mm)		AlfaCrimp One-Piece	Two-Piece Ferrule Non-Skive
TR1MT	03	3/16	4.8	0.44	11.2	3630	3.6	090.0	0.10		AF1
TR1MT	04	1/4	6.4	0.50	12.7	3250	3.9	099.1	0.13	B	AF1
TR1MT	05	5/16	7.9	0.56	14.2	3120	4.5	114.3	0.16	B	AF1
TR1MT	06	3/8	9.5	0.65	16.5	2610	5.1	129.5	0.20	B	AF1
TR1MT	08	1/2	12.7	0.78	19.9	2320	7.1	180.3	0.26	B	AF1
TR1MT	10	5/8	15.9	0.91	23.0	1900	7.9	200.7	0.29	B	AF1
TR1MT	12	3/4	19.1	1.06	27.0	1530	9.5	241.3	0.37	B	AF1
TR1MT	16	1	25.4	1.38	35.0	1280	11.8	299.7	0.59	B	AF1
TR1MT	20	1 1/4	31.8	1.66	42.1	920	16.5	419.1	0.71		AF1
TR1MT	24	1 1/2	38.1	1.94	49.2	730	19.7	500.4	0.90		AF1
TR1MT	32	2	50.8	2.46	62.4	600	24.8	629.9	1.24		AF1

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

**Freight:** Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.