

## Double compact wire braid hydraulic hose on easy-to-handle reels – TF2MT



### TF2MT– Double wire braid

Meets or exceeds EN 857 2SC and exceeds SAE 100 R16 MSHA IC-152/16 approved flame resistance



### General Applications:

High pressure service with tight bends with petroleum-based hydraulic fluids, water/glycol, water- and fire-resistant hydraulic fluids, hot oil, grease, lubricants, crude oil, fuel oils, air and water. Excellent impulse performance, exceeding 1,000,000 cycles when tested with appropriate ALFAGOMMA couplings. For air or gas application above 250 PSI (1.7 Mpa) the cover should be pin-pricked.

### Construction:

**Tube** – Synthetic rubber, black.

**Reinforcement** – Two high tensile steel wire braids, separated by a layer of synthetic rubber.

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

### Service Temperature Range:

-40°F (-40°C) to +212°F (+100°C) constant operation.

### Maximum operating temperature:

+257°F (+125°C)

### 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 FLEXOPAK 2 ID ...WP ... MPa (... PSI) – EXCEEDS SAE 100 R16 – EN 857 2SC ... DN MSHA IC-152/16 ...Q/YR

## 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		
TF2MT	04	1/4	6.4	0.51	13.0	6000	2.0	50.8	0.18	B		AF1	
TF2MT	05	5/16	8.0	0.57	14.5	5500	2.2	57.0	0.22	B		AF1	
TF2MT	06	3/8	9.5	0.66	18.8	5000	2.2	55.9	0.26	B		AF1	
TF2MT	08	1/2	12.7	0.81	20.6	4500	3.5	88.9	0.34	B		AF1	
TF2MT	10	5/8	15.9	0.91	23.2	4000	4.0	101.6	0.41	B		AF1	
TF2MT	12	3/4	19.1	1.09	27.6	3500	4.7	119.4	0.53	B		AF1	AF2
TF2MT	16	1	25.4	1.40	35.5	3000	6.0	152.4	0.86	B	D	AF1	AF2
TF2MT	20	1 1/4	31.8	1.65	42.0	2000	8.3	210.8	0.92		D		AF1
TF2MT	24	1 1/2	38.1	1.96	49.9	1820	16.9	429.3	1.32		D		AF1
TF2MT	32	2	50.8	2.50	63.5	1500	21.6	548.6	1.71		D		AF1
TF2MT	40	2 1/2	63.5	3.01	76.4	1100	28.3	718.8	2.21	B			
TF2MT	48	3	76.2	3.54	90.0	1000	34.6	878.8	2.58	B			

† 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.