

# TF2LT - 2SC/R16 LT LOW TEMP *(Non-Stock - Made to Order)*



## Double compact wire braid hydraulic hose – TF2LT



**TF2LT – Double wire braid**  
Meets or exceeds SAE 100 R16 - EN 857 2SC

### General Applications:

High pressure service hose with tight bending radius for low temperature applications 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... low temperature, oil-resistant.

**Reinforcement** – Two high tensile steel compact wire braids.

**Cover** – Synthetic rubber, black... weather, oil, ozone, abrasion and low temperature-resistant.

### Service Temperature Range:

-58°F (-50°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 FLEXORPAK 2 LT ID ...WP ...MPa (...PSI) – LOW TEMPERATURE -50°C – EXCEEDS SAE 100R16 - EN 857 2SC DN ...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
TF2LT	04	1/4	6.4	0.51	13.0	6000	2.0	50.8	0.19	B	AF1
TF2LT	06	3/8	9.5	0.66	16.8	5000	2.5	63.5	0.27	B	AF1
TF2LT	08	1/2	12.7	0.81	20.6	4500	3.5	88.9	0.35	B	AF1
TF2LT	10	5/8	15.9	0.92	23.4	4000	3.9	99.1	0.41	B	AF1
TF2LT	12	3/4	19.1	1.09	27.6	3500	4.7	119.4	0.55	B	AF1
TF2LT	16	1	25.4	1.40	35.5	3000	5.9	149.9	0.82	B	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.



HOSES  
ONE-PIECE B SERIES  
ONE-PIECE D SERIES  
ONE-PIECE F & P SERIES  
TWO-PIECE FERRULES (A & PFR SERIES)  
TWO-PIECE INSERTS (A SERIES)  
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)  
QUICK RELEASE  
ASSEMBLY EQUIPMENT  
TECHNICAL INFORMATION