

TF2ST - 2SC/R16 SUPERTUFF



SUPERTUFF - TF2ST Hydraulic Hose

TF2ST – Double wire braid

Meets or exceeds EN 857 2SC
Exceeds SAE 100 R16
MSHA IC-152/7 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 SUPERTUFF ID ...
WP ... MPa (...PSI) – EXCEEDS SAE 100 R16 –
EN 857 2SC ...DN ... MSHA IC-152/7 ...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	
TF2ST	04	1/4	6.4	0.51	13.0	6000	2.0	50.8	0.19	B		AF1
TF2ST	06	3/8	9.5	0.66	16.8	5000	2.5	63.5	0.27	B		AF1
TF2ST	08	1/2	12.7	0.81	20.6	4500	3.5	88.9	0.35	B		AF1
TF2ST	10	5/8	15.9	0.92	23.4	4000	3.9	99.1	0.41	B		AF1
TF2ST	12	3/4	19.1	1.09	27.6	3500	4.7	119.4	0.55	B		AF1
TF2ST	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