Flexor 3 Hydraulic Hose

ALFAGOMMA®

Textile-reinforced hydraulic hose with two braids – TR3



TR3 – Two High Tensile Textile Braids
Meets or exceeds SAE 100 R3 - EN 854 R3 - DN

Construction:

Tube – Synthetic rubber, black… oil-resistant.

Reinforcement – Two High Tensile Textile Braid (2B).

Cover – Synthetic rubber, black… hydrocarbon, ozone and abrasion-resistant.

Branding – ALFAGOMMA FLEXOR 3 ID... -WP... MPa (... PSI) - SAE 100R3-EN854 R3 -DN... Q/yr

Applications:

Medium pressure hydraulic lines, fuel oil, antifreeze solutions, air and water. Not recommended for diver air hose. For air or gas applications above 1.7 MPa (250 PSI); the cover should be pin-pricked.

MSHA accepted cover available on request.

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.

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)		Two-Piece Couplings
										Ferrule Non-Skive
TR3	04	1/4	6	0.57	14.4	2,100	1.8	45	0.11	AF3
TR3	05	5/16	8	0.67	16.9	1,900	2.2	55	0.15	AF3
TR3	06	3/8	10	0.73	18.5	1,600	2.8	70	0.16	AF3
TR3	08	1/2	13	0.85	21.7	1,350	3.4	85	0.19	AF3
TR3	10	5/8	16	1.02	25.9	1,150	4.2	105	0.27	AF3
TR3	12	3/4	19	1.14	29.0	1,000	5.2	130	0.31	AF3
TR3	16	1	25	1.41	35.9	800	6.0	150	0.41	AF3

† 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.