

# FLEXOR 5

ONE-WIRE BRAID HYDRAULIC HOSE FOR MEDIUM PRESSURE SERVICE IN PETROLEUM-BASED OIL IMPULSE APPLICATIONS: GASOLINE, LUBE OIL, FUEL LINES AND OIL FOR BIO-DIESEL. CAN ALSO BE USED FOR AIR BRAKES, POWER STEERING, FUEL FILTERS, TURBOCHARGER OIL SUPPLIES, TILT CAB CYLINDERS, TRANSMISSION COOLANT, ENGINE COOLANT AND FILTRATION LINES.



## Construction:

**Tube** – Oil-resistant synthetic rubber.

**Reinforcement** – One high tensile steel braid.

**Cover** – Polyester textile braid.

**Branding** – ALFAGOMMA FLEXOR 5 ID ...WP ...MPa (...PSI) SAE 100 R5\*

## TR5 – One-wire braid-reinforced

Meets or exceeds SAE 100 R5

## SAE J1402 DOT All FM VSS 106

Note: Hose cover does not need to be removed before attaching couplings.

**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 <sup>†</sup> Pressure (psi)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations	
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		Two-Piece Couplings	
										Ferrule Non-Skive	Insert Non-Skive
TR5	04	3/16	5	0.52	13.2	3,000	3.0	76	0.15	AF3-03	A-03XX
TR5	05	1/4	6	0.58	14.8	3,000	3.4	86	0.18	AF3-04	A-04XX
TR5	06	5/16	8	0.68	17.3	2,250	4.1	102	0.23	AF3-05	A-05XX
TR5	08	13/32	11	0.77	19.5	2,000	4.7	117	0.30	AF3-06	A-06XX
TR5	10	1/2	13	0.92	23.4	1,750	5.6	140	0.38	AF3-08	A-08XX
TR5	12	5/8	16	1.08	27.4	1,500	6.6	165	0.45	AF3-10	A-10XX
TR5	16	7/8	22	1.24	31.4	800	7.5	187	0.48	AF3-12	A-14XX
TR5	20	1 1/8	29	1.50	38.1	625	9.2	229	0.57	AF3-16	A-18XX
TR5	24	1 3/8	35	1.75	44.5	500	10.7	267	0.71	AF3-20	A-22XX
TR5	32	1 13/16	46	2.22	56.4	350	13.5	337	0.91	AS1-32*	A-29XX

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

\*Do Not Skive

STANDARD PRESSURE