

# One-wire Braid Hydraulic Hose – TR5HT



**NEW**

### TR5HT Evolution – Single wire braid

Meets or exceeds SAE 100 R5

#### General Applications:

Medium pressure service hydraulic petroleum-based oil line in impulse applications; lube oil, diesel fuel lines and oil for Bio-diesel; applications such as air brakes, power steering, turbocharger oil supplies, tilt cab cylinders, transmission coolant, engine coolant and filtration lines. Meets or exceeds requirements of SAE 100 R5 for traditional hydraulic applications.

#### Construction:

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

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

**Cover** – Polyester textile braid.

*Specially designed for high temperature applications.*

#### Temperature Range:

-40°F (-40°C) to +300°F (+150°C) constant operation.

Air Maximum Temperature:

up to 5/8" = +185°F (+85°C)

over 3/4" = +230°F (+110°C)

#### Branding:

Alfagomma R5 Evolution HT ...WP ...MPa (...PSI)

– SAE 100 R5... 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)		Two-Piece	
										Ferrule Non-Skive	Insert Non-Skive
TR5HT	04	3/16	4.8	0.52	13.2	3000	3.0	76.2	0.16	AFX-03	A-03XX
TR5HT	05	1/4	6.4	0.58	14.8	3000	3.4	86.4	0.19	AFX-04	A-04XX
TR5HT	06	5/16	7.9	0.68	17.3	2250	4.0	101.6	0.24	AFX-05	A-05XX
TR5HT	08	13/32	10.3	0.77	19.5	2000	4.6	116.8	0.28	AFX-06	A-06XX
TR5HT	10	1/2	12.7	0.92	23.4	1750	5.5	139.7	0.38	AFX-08	A-08XX
TR5HT	12	5/8	15.9	1.08	27.4	1500	6.5	165.1	0.46	AFX-10	A-10XX
TR5HT	16	7/8	22.2	1.24	31.4	800	7.3	185.4	0.47	AFX-12	A-14XX
TR5HT	20	1 1/8	28.6	1.50	38.1	625	9.0	228.6	0.58	AFX-16	A-18XX
TR5HT	24	1 3/8	34.9	1.75	44.5	500	10.5	266.7	0.72	AFX-20	A-22XX
TR5HT	32	1 13/16	46.0	2.22	56.4	350	13.2	335.3	0.91	AFX-32	A-29XX

† 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.