

## R14 PTFE True Bore Stainless Braid - TR14TB High Temp Hose



### TR14TB - R14

High Tensile Stainless Steel Braid  
AISI 304  
FDA US Pharmacopeia - Class VI  
SAE 100R14

### General Applications:

Compressed air, gas, steam, fuel, oil, chemical and pharmaceutical products, particularly suitable for steam piping on injection moulding machines, diathermic oil installations, charging lines for cryogenic gas, compressor discharge lines, automotive, pharmaceutical and food sectors. Solvents, pigments and paint transfer lines. Hydraulic lines in power steering marine applications. Not suitable for molten alkali metals and halogens at high temperature.

### Construction:

**Tube** – Smooth PTFE - high mechanical and vibration resistance, low permeability, dielectrical, fire resistant, food grade (FDA, DVGW, BFR compliant). Chemically inert, non sticking, ozone and weather resistant.

**Reinforcement** – High tensile stainless steel braid AISI 304.

### Service Temperature Range:

-76°F (-60°C) to +500°F (+260°C) constant operation.

## Nominal Specifications

Series Number	Size Code	ID		OD		Max Working <sup>†</sup> Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations	
		(in)	(mm)	(in)	(mm)		(in)	(mm)		Two-Piece Ferrule	
										Non-Skive	
TR14TB	03	3/16	4.8	0.31	7.8	4000	2.0	50.8	0.06	AFT	
TR14TB	04	1/4	6.4	0.34	8.6	3500	3.0	76.2	0.06	AFT	
TR14TB	05	5/16	7.9	0.46	11.6	3000	4.0	101.6	0.09	AFT	
TR14TB	06	3/8	9.5	0.50	12.7	2600	5.0	127.0	0.10	AFT	
TR14TB	08	1/2	12.7	0.61	15.4	2300	5.5	139.7	0.13	AFT	
TR14TB	10	5/8	15.9	0.72	18.4	2000	6.5	165.1	0.18	AFT	
TR14TB	12	3/4	19.1	0.87	22.1	1600	8.0	203.2	0.22	AFT	
TR14TB	16	1	25.4	1.17	29.8	1000	12.0	304.8	0.35	AFT	

<sup>†</sup> 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.