

## R14 Convoluted PTFE Stainless Steel braid – TR14C

### High Temp Hose



#### TR14C - R14

Seamless Helical Convoluted PTFE  
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** – Seamless Helical Convoluted 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)		
TR14C	06	3/8	9.5	0.62	15.7	1600	0.87	22	0.57	AFT
TR14C	08	1/2	12.7	0.74	18.8	1500	0.98	25	0.62	AFT
TR14C	10	5/8	15.9	0.87	22.1	1200	2.00	51	0.73	AFT
TR14C	12	3/4	19.1	0.97	24.6	1000	2.52	64	0.88	AFT
TR14C	16	1	25.4	1.29	32.8	670	3.50	89	1.21	AFT
TR14C	20	1 1/4	31.8	1.60	40.7	525	5.00	127	1.52	AFT
TR14C	24	1 1/2	38.1	1.90	48.2	450	5.98	152	1.96	AFT
TR14C	32	2	50.8	2.42	61.5	345	7.87	200	2.73	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.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

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