



## R122 HOSE

## APPLICATIONS:

- Compressed gas
- Fuel and lubricant handling
- Steam transfer
- Hydraulic systems

## TEMPERATURE RANGE:

- -65°F to 400°F (-54°C to 204°C) for continuous service
- -100°F to 500°F (-73°C to 260°C) for intermittent service

## STANDARDS:

- Meets or exceeds requirements of SAE 100R14
- PTFE meets FDA 21 CFR 177.1550

## • VACUUM SERVICE:

- Sizes -4 through -10 are rated for full vacuum
- Larger sizes -12 and above can be reinforced with an internal support spring for full vacuum service

## AVAILABILITY:

Medium pressure smooth bore PTFE in R122 series can be fitted and tested to your exact specification. Kord Industrial is certified to fabricate and distribute 100R14 smooth bore R122 series in either bulk or assembly form.

Rapid response and same day shipping is always available from a large on-site inventory.

**Applications centering on the transfer of fluids or gases under demanding conditions in harsh environments are opportunities for the user to realize the value of Titeflex.**

Innovative PTFE technology by Titeflex satisfies the demanding aerospace, automotive, and industrial applications.

The driving force is Titeflex commitment to safety, quality, value, and reliability.

Modern quality production and customer satisfaction make Titeflex the leading PTFE hose producer

## HOSE CONSTRUCTION:

- Innercore vertically extruded to maintain highest quality of concentricity
- Manufactured from fine virgin PTFE
- 304 stainless steel wire braid reinforcement

## END FITTING ATTACHMENTS:

R122 series standard hose fitting selection include male pipe, JIC female swivel, compression tube end (tube stub) in multiple lengths, female pipe, SAE swivel and sanitary tri-clamps.

Fitting material includes plated steel, brass and 304/316 SS.

The hose ends are permanently attached by either swaging or crimping, depending on end style selected.

Please see Hose End Catalog for complete fitting selection and specifications.

R122 .030 WALL CONDUCTIVE HOSE								
HOSE PART NUMBER	Nominal Size	Average ID	Average ID	Average OD	Operating Pressure Room Temp	Burst Pressure Room Temp	Minimum Bend	Hose Weigh †
	in	in	mm	in	psi	psi	in	lb/ft
R122-3	3/16	.139	3.5	.234	3,000	12,000	2.00	.048
R122-4	1/4	.188	4.8	.312	3,000	12,000	2.00	.058
R122-5	5/16	.250	6.4	.375	3,000	12,000	3.00	.078
R122-6	3/8	.313	8.0	.445	2,500	10,000	4.00	.098
R122-6T*	3/8	.384	9.8	.503	2,250	9,000	4.50	.105
R122-8	1/2	.410	10.4	.549	2,000	8,000	5.20	.126
R122-10	5/8	.504	12.8	.648	1,500	6,000	6.50	.154
R122-12	3/4	.636	16.2	.778	1,200	4,800	7.70	.190
R122-12T*	3/4	.750	19.1	.886	1,100	4,400	8.20	.211
R122-16	1	.875	22.2	1.030	1,000	4,000	9.00	.280
R122-16T*	1	1.000	25.4	1.135	900	3,600	10.00	.322
R122-16Z+	1	.875	22.2	1.065	1,250	5,000	9.00	.459
R122-20	1-1/4	1.125	28.6	1.315	800	3,200	16.00	.369