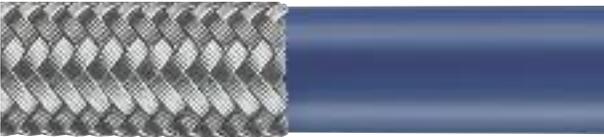




R115/R105 HOSE



R122/R144 CONDUCTIVE 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

Consult factory for temperature adjusted pressure rating

HOSE CONSTRUCTION:

- Innercore vertically extruded to maintain highest quality of concentricity
- Manufactured from fine powder PTFE
- 304 stainless steel wire braid reinforcement
- The R122/R144 Conductive Hose has precisely controlled amount of carbon black added to the PTFE innercore provides a continuous conductive path to the metal end fitting, to dissipate static electricity in fuel, steam, or high flow-rate applications

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.

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

APPLICATION ADVANTAGES:

- No Phthalate. Titeflex only uses 100% PTFE, and conductive PTFE in the liner that remains flexible and does not leach.
- Design optimized for your specific application
- Manufactured in long lengths to reduce hose costs associated with coupling hose sections
- Economical and cost effective
- 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.

**WARNING**

These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.

R115 .030 WALL HOSE/R122 CONDUCTIVE HOSE

HOSE PART NUMBER	NOMINAL SIZE	AVERAGE ID	AVERAGE ID	AVERAGE OD	OPERATING PRESSURE ROOM TEMP	BURST PRESSURE ROOM TEMP	MAXIMUM CONTINUOUS LENGTH	MINIMUM BEND	HOSE WEIGHT
	in	in	mm	in	psi	psi	ft	in	lb/ft
R115/R122-3	3/16	.139	3.5	.234	3,000	12,000	200	2.00	.048
R115/R122-4	1/4	.188	4.8	.312	3,000	12,000	200	2.00	.058
R115/R122-5	5/16	.250	6.4	.375	3,000	12,000	250	3.00	.078
R115/R122-6	3/8	.313	8.0	.445	2,500	10,000	150	4.00	.098
R115/R122-6T*	3/8	.384	9.8	.503	2,250	9,000	150	4.50	.105
R115/R122-8	1/2	.410	10.4	.549	2,000	8,000	100	5.20	.126
R115/R122-10	5/8	.504	12.8	.648	1,500	6,000	100	6.50	.154
R115/R122-12	3/4	.636	16.2	.778	1,200	4,800	75	7.70	.190
R115/R122-12T*	3/4	.750	19.1	.886	1,100	4,400	75	8.20	.211
R115/R122-16	1	.875	22.2	1.030	1,000	4,000	60	9.00	.280
R115/R122-16T*	1	1.000	25.4	1.135	900	3,600	60	10.00	.322
R115/R122-16Z+	1	.875	22.2	1.065	1,250	5,000	60	9.00	.459
R115/R122-20	1-1/4	1.125	28.6	1.315	800	3,200	40	16.00	.369

Consult factory for temperature-adjusted ratings. *True bore. +Double braid.

R105 .040 WALL HOSE/R144 CONDUCTIVE HOSE

HOSE PART NUMBER	NOMINAL SIZE	AVERAGE ID	AVERAGE ID	AVERAGE OD	OPERATING PRESSURE ROOM TEMP	BURST PRESSURE ROOM TEMP	MAXIMUM CONTINUOUS LENGTH	MINIMUM BEND	HOSE WEIGHT
	in	in	mm	in	psi	psi	ft	in	lb/ft
R105/R144-4	1/4	.188	4.8	.323	3,000	12,000	200	2.00	.08
R105/R144-5	5/16	.250	6.4	.386	3,000	12,000	150	2.50	.09
R105/R144-6	3/8	.313	8.0	.451	2,500	10,000	150	4.00	.11
R105/R144-8	1/2	.410	10.4	.566	2,000	8,000	100	4.60	.14
R105/R144-10	5/8	.504	12.8	.665	1,500	6,000	100	5.50	.19
R105/R144-12	3/4	.636	16.1	.795	1,200	4,800	75	6.50	.23
R105/R144-16	1	.879	22.3	1.060	1,000	3,200	60	9.00	.30
R105/R144-16Z	1	.851	21.6	1.109	1,250	5,000	50	7.38	.576
R105/R144-20Z	1 1/4	1.101	28.0	1.359	1,000	4,000	50	11.00	.744

WARNING: These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.