

**R115 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 R115 series can be fitted and tested to your exact specification. Kord Industrial is certified to fabricate and distribute 100R14 smooth bore R115 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 virgin PTFE
- 304 stainless steel wire braid reinforcement

**END FITTING ATTACHMENTS:**

R115 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.

**R115 .030 WALL NON – CONDUCTIVE HOSE**

| HOSE PART NUMBER | Nominal Size | Average ID | Average ID | Average OD | Operating Pressure Room Temp | Burst Pressure Room Temp | Minimum Bend | Hose Weight |
|------------------|--------------|------------|------------|------------|------------------------------|--------------------------|--------------|-------------|
|                  | in           | in         | mm         | in         | psi                          | psi                      | in           | lb/ft       |
| R115-3           | 3/16         | .139       | 3.5        | .234       | 3,000                        | 12,000                   | 2.00         | .048        |
| R115-4           | 1/4          | .188       | 4.8        | .312       | 3,000                        | 12,000                   | 2.00         | .058        |
| R115-5           | 5/16         | .250       | 6.4        | .375       | 3,000                        | 12,000                   | 3.00         | .078        |
| R115-6           | 3/8          | .313       | 8.0        | .445       | 2,500                        | 10,000                   | 4.00         | .098        |
| R115-6T*         | 3/8          | .384       | 9.8        | .503       | 2,250                        | 9,000                    | 4.50         | .105        |
| R115-8           | 1/2          | .410       | 10.4       | .549       | 2,000                        | 8,000                    | 5.20         | .126        |
| R115-10          | 5/8          | .504       | 12.8       | .648       | 1,500                        | 6,000                    | 6.50         | .154        |
| R115-12          | 3/4          | .636       | 16.2       | .778       | 1,200                        | 4,800                    | 7.70         | .190        |
| R115-12T*        | 3/4          | .750       | 19.1       | .886       | 1,100                        | 4,400                    | 8.20         | .211        |
| R115-16          | 1            | .875       | 22.2       | 1.030      | 1,000                        | 4,000                    | 9.00         | .280        |
| R115-16T*        | 1            | 1.000      | 25.4       | 1.135      | 900                          | 3,600                    | 10.00        | .322        |
| R115-16Z+        | 1            | .875       | 22.2       | 1.065      | 1,250                        | 5,000                    | 9.00         | .459        |
| R115-20          | 1-1/4        | 1.125      | 28.6       | 1.315      | 800                          | 3,200                    | 16.00        | .369        |