

# Welding Hose



### Tuline Welding, Grade R Hoses



Flex Strength® Tuline Welding hose is lightweight, flexible and available from stock in a wide range of sizes. The hoses come in two popular grades, R and T. Both grades come in single line and tuline styles, with or without corrugated covers. Each of these styles and grades features multi-spiral construction for maximum kink resistance. They have a specially designed cover with multi-ventilated pores that enhance welder safety by dispersing permeating gases. All Thermoid Flex Strength Welding hose meets or exceeds the requirements of RMA and the Compressed Gas Association. These hoses are manufactured to a 4-1 safety factor. The air mandrel cure eliminates clogged nozzles, assures a non-contaminated tube and promotes an even flow of gas to the nozzles.

- **Cover Color :** Red, Green
- **Oil Resistance :** Limited - (Acetylene Only)
- **Construction :**  
**Tube :** EPDM  
**Cover :** EPDM  
**Reinforcement :** Spiral polyester yarn
- **Temperature Range :** -40°F to +180°F (-40°C to +82°C)

Item #	Item Name	Nominal I.D.	Nominal O.D.	Working Pressure	Min. Bend Radius
00521403200	Tuline Welding, Grade R	3/16 in 4.76 mm	0.44 in 11.11 mm	200 psi 1.38 MPa	1.25 in 31.75 mm
00521404200	Tuline Welding, Grade R	1/4 in 6.35 mm	0.53 in 13.49 mm	200 psi 1.38 MPa	1.5 in 38.10 mm
00521405200	Tuline Welding, Grade R	5/16 in 7.94 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	2 in 50.80 mm
00521406200	Tuline Welding, Grade R	3/8 in 9.53 mm	0.66 in 16.67 mm	200 psi 1.38 MPa	2.25 in 57.15 mm
00521403215	Tuline Welding, Grade R	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521403225	Tuline Welding, Grade R	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521403249	Tuline Welding, Grade R	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521403291	Tuline Welding, Grade R	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm

Item #	Item Name	Nominal I.D.	Nominal O.D.	Working Pressure	Min. Bend Radius
00521484212	Tuline Welding, Grade R	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521484225	Tuline Welding, Grade R	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521484250	Tuline Welding, Grade R	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521484290	Tuline Welding, Grade R	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521405226	Tuline Welding, Grade R	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521405252	Tuline Welding, Grade R	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521405291	Tuline Welding, Grade R	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521406226	Tuline Welding, Grade R	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00521406251	Tuline Welding, Grade R	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00521406290	Tuline Welding, Grade R	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00521803205	Single Line Corrugated Welding, Grade R, Type S	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521804205	Single Line Corrugated Welding, Grade R, Type S	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521804405	Single Line Corrugated Welding, Grade R, Type S	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521805400	Single Line Corrugated Welding, Grade R, Type S	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521806400	Single Line Corrugated Welding, Grade R, Type S	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00521903205	Single Line Corrugated Welding, Grade R, Type S	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521904205	Single Line Corrugated Welding, Grade R, Type S	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521904405	Single Line Corrugated Welding, Grade R, Type S	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521905400	Single Line Corrugated Welding, Grade R, Type S	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521906400	Single Line Corrugated Welding, Grade R, Type S	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm

**Tuline Welding, Grade T Hoses**



Flex Strength® Tuline Welding hose is lightweight, flexible and available from stock in a wide range of sizes. The hoses come in two popular grades, T and R. Both grades come in single line and tuline styles, with or without corrugated covers. Each of these styles and grades features multi-spiral construction for maximum kink resistance. They have a specially designed cover with multi-ventilated pores that enhance welder safety by dispersing permeating gases. All Thermoid Flex Strength Welding hose meets or exceeds the requirements of RMA and the Compressed Gas Association. These hoses are manufactured to a 4-1 safety factor. The air mandrel cure eliminates clogged nozzles, assures a non-contaminated tube and promotes an even flow of gas to the nozzles.

- **Cover Color** : Red, Green
- **Fuel Resistance** : Medium - High - (All Fuel Gases)
- **Construction** :
  - Tube** : Polychloroprene (CR)
  - Cover** : Polychloroprene (CR)
  - Reinforcement** : Spiral polyester yarn
- **Temperature Range** : -40°F to +180°F (-40°C to +82°C)
- **Packaging** : Reels

Item #	Item Name	Nominal I.D.	Nominal O.D.	Working Pressure	Min. Bend Radius
00521503200	Tuline Welding, Grade T	3/16 in 4.76 mm	0.44 in 11.11 mm	200 psi 1.38 MPa	1.25 in 31.75 mm
00521504200	Tuline Welding, Grade T	1/4 in 6.35 mm	0.53 in 13.49 mm	200 psi 1.38 MPa	1.5 in 38.10 mm
00521505200	Tuline Welding, Grade T	5/16 in 7.94 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	2 in 50.80 mm
00521506200	Tuline Welding, Grade T	3/8 in 9.53 mm	0.66 in 16.67 mm	200 psi 1.38 MPa	2.25 in 57.15 mm

Item #	Item Name	Nominal I.D.	Nominal O.D.	Working Pressure	Min. Bend Radius
00521583250	Tuline Welding, Grade T	3/16 in 4.76 mm	N/A	200 psi 1.38 MPa	1.25 in 31.75 mm
00521584212	Tuline Welding, Grade T	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521584225	Tuline Welding, Grade T	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521584250	Tuline Welding, Grade T	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521584290	Tuline Welding, Grade T	1/4 in 6.35 mm	N/A	200 psi 1.38 MPa	1.5 in 38.10 mm
00521585250	Tuline Welding, Grade T	5/16 in 7.94 mm	N/A	200 psi 1.38 MPa	2 in 50.80 mm
00521586250	Tuline Welding, Grade T	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00521586290	Tuline Welding, Grade T	3/8 in 9.53 mm	N/A	200 psi 1.38 MPa	2.25 in 57.15 mm
00523803205	Single Line Corrugated Welding, Grade T	3/16 in 4.76 mm	0.44 in 11.11 mm	200 psi 1.38 MPa	1.25 in 31.75 mm
00523804405	Single Line Corrugated Welding, Grade T	1/4 in 6.35 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	1.5 in 38.10 mm
00523805400	Single Line Corrugated Welding, Grade T	5/16 in 7.94 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	2 in 50.80 mm
00523806400	Single Line Corrugated Welding, Grade T	3/8 in 9.53 mm	0.72 in 18.26 mm	200 psi 1.38 MPa	2.25 in 57.15 mm
00523903205	Single Line Corrugated Welding, Grade T	3/16 in 4.76 mm	0.44 in 11.11 mm	200 psi 1.38 MPa	1.25 in 31.75 mm
00523904405	Single Line Corrugated Welding, Grade T	1/4 in 6.35 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	1.5 in 38.10 mm
00523905400	Single Line Corrugated Welding, Grade T	5/16 in 7.94 mm	0.59 in 15.08 mm	200 psi 1.38 MPa	2 in 50.80 mm
00523906400	Single Line Corrugated Welding, Grade T	3/8 in 9.53 mm	0.72 in 18.26 mm	200 psi 1.38 MPa	2.25 in 57.15 mm