

Product information is subject to change. For full details, visit our website or contact Customer Service.

TULINE WELDING, GRADE R

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.



Grade R

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
Packaging: Reels, Cut and coupled lengths



Grade R

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
Packaging: Reels, Cut and coupled lengths

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WELDING

TULINE WELDING, GRADE R

Red is for acetylene use only, and where cover must resist abrasion, weather and ozone.

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00521403200	3/16	4.76	0.44	11.11	2	200	1.38	1.25	31.75	0.15	0.22
00521404200	1/4	6.35	0.53	13.49	2	200	1.38	1.50	38.10	0.21	0.32
00521405200	5/16	7.94	0.59	15.08	2	200	1.38	2.00	50.80	0.25	0.37
00521406200	3/8	9.53	0.66	16.67	2	200	1.38	2.25	57.15	0.28	0.41

TULINE WELDING, GRADE R – Cut & Coupled (B&B)

Product Number	Nominal I.D.		Lengths	
	(inches)	(mm)	(feet)	(meters)
00521403215▲	3/16	4.76	12.50	3.81
00521403225	3/16	4.76	25.00	7.62
00521403249	3/16	4.76	50.00	15.24
00521403291	3/16	4.76	100.00	30.48
00521484212▲	1/4	6.35	12.50	3.81
00521484225	1/4	6.35	25.00	7.62
00521484250	1/4	6.35	50.00	15.24
00521484290	1/4	6.35	100.00	30.48
00521405226▲	5/16	7.94	25.00	7.62
00521405252	5/16	7.94	50.00	15.24
00521405291▲	5/16	7.94	100.00	30.48
00521406226▲	3/8	9.53	25.00	7.62
00521406251▲	3/8	9.53	50.00	15.24
00521406290▲	3/8	9.53	100.00	30.48



▲ = Make To Order (MTO)

SINGLE LINE CORRUGATED WELDING, GRADE R, TYPE S

Red or Green. Red is for acetylene use only, and where cover must resist abrasion, weather and ozone.

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
Green											
00521803205	3/16	4.76	0.44	11.11	2	200	1.38	1.25	31.75	0.08	0.12
00521804205	1/4	6.35	0.53	13.49	2	200	1.38	1.50	38.10	0.11	0.16
00521804405	1/4	6.35	0.59	15.08	4	200	1.38	1.50	38.10	0.14	0.21
00521805400▲	5/16	7.94	0.66	16.69	2	200	1.38	2.00	50.80	0.16	0.24
00521806400	3/8	9.53	0.72	18.26	2	200	1.38	2.25	57.15	0.18	0.27
Red											
00521903205	3/16	4.76	0.44	11.11	2	200	1.38	1.25	31.75	0.08	0.12
00521904205	1/4	6.35	0.53	13.49	2	200	1.38	1.50	38.10	0.11	0.16
00521904405	1/4	6.35	0.59	15.08	4	200	1.38	1.50	38.10	0.14	0.21
00521905400	5/16	7.94	0.66	16.69	2	200	1.38	2.00	50.80	0.16	0.24
00521906400	3/8	9.53	0.72	18.26	2	200	1.38	2.25	57.15	0.18	0.27

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TULINE WELDING, GRADE T

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.



Resistance:



Branding:

Size, Grade T Fuel Gas
Std. Duty KX WP RMA
1P-7-99 Date Code

Grade T

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, Cut and coupled lengths



Resistance:



Branding:

Size, Grade T Fuel Gas
Std. Duty KX WP RMA
1P-7-99 Date Code

Grade T

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, Cut and coupled lengths

TULINE WELDING, GRADE T

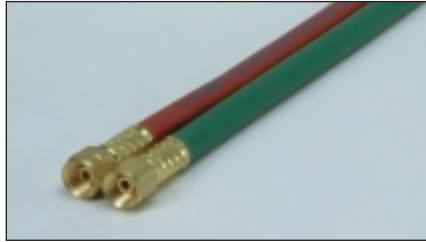
For use with all fuel gases, and where a flame and oil resistant tube and cover are required.

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00521503200▲	3/16	4.76	0.44	11.11	2	200	1.38	1.25	31.75	0.17	0.25
00521504200	1/4	6.35	0.53	13.49	2	200	1.38	1.50	38.10	0.24	0.36
00521505200▲	5/16	7.94	0.59	15.08	2	200	1.38	2.00	50.80	0.27	0.40
00521506200	3/8	9.53	0.66	16.67	2	200	1.38	2.25	57.15	0.31	0.46

▲ = Make To Order (MTO)

TULINE WELDING, GRADE T – Cut & Coupled (B&B)

Product Number	Nominal I.D.		Lengths	
	(inches)	(mm)	(feet)	(meters)
00521583250▲	3/16	4.76	50.00	15.24
00521584212▲	1/4	6.35	12.50	3.81
00521584225▲	1/4	6.35	25.00	7.62
00521584250	1/4	6.35	50.00	15.24
00521584290	1/4	6.35	100.00	30.48
00521585250▲	5/16	7.94	50.00	15.24
00521586250▲	3/8	9.53	50.00	15.24
00521586290▲	3/8	9.53	100.00	30.48



▲ = Make To Order (MTO)

SINGLE LINE CORRUGATED WELDING, GRADE T

Red or Green. Red is used with all fuel gases, and where a flame and oil resistant tube and cover are required.

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
Green											
00523803205▲	3/16	4.76	0.44	11.11	4	200	1.38	1.25	31.75	0.08	0.12
00523804405	1/4	6.35	0.59	15.08	4	200	1.38	1.50	38.10	0.15	0.22
00523805400▲	5/16	7.94	0.59	15.08	2	200	1.38	2.00	50.80	0.14	0.21
00523806400▲	3/8	9.53	0.72	18.26	4	200	1.38	2.25	57.15	0.20	0.30
Red											
00523903205▲	3/16	4.76	0.44	11.11	4	200	1.38	1.25	31.75	0.08	0.12
00523904405	1/4	6.35	0.59	15.08	4	200	1.38	1.50	38.10	0.15	0.22
00523905400▲	5/16	7.94	0.59	15.08	2	200	1.38	2.00	50.80	0.14	0.21
00523906400▲	3/8	9.53	0.72	18.26	4	200	1.38	2.25	57.15	0.20	0.30

▲ = Make To Order (MTO)