

Welding



	Page	Oxygen (Green)	Acetylene (Red)	Fuel Gases* (Red)	Flame and Oil Resistant Tube	Flame and Oil Resistant Cover
Single Line Welding Grade R	272	Yes	Yes	No	No	No
Single Line Welding Grade RM	273	Yes	Yes	No	No	Yes
Single Line Welding Grade T	271	Yes	Yes	Yes	Yes	Yes
Twin-Line Welding Grade R	268	Yes	Yes	No	No	No
Twin-Line Welding Grade RM	269	Yes	Yes	No	No	Yes
Twin-Line Welding Grade T	270	Yes	Yes	Yes	Yes	Yes

*Fuel Gases are defined in ARPM IP-7-2011 welding hose standard. Flammable compressed gases commonly used in the welding and cutting industry including, but not limited to, acetylene, hydrogen, methane/natural gas, LP gas, propylene and methylacetylene propadiene stabilized.

ARPM IP-7-2011 and CGA E-1

Air & Multipurpose

General Purpose

Heavy Duty

Push-on

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Twin-Line Welding Grade R - Type VD



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 standard for Grade R welding hose.

Construction Tube

EPDM synthetic rubber compatible with oxygen and acetylene gases

Cover

EPDM synthetic rubber smooth surface

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: Twin-Line 1/4" Grade R Acetylene Only Std Duty
Max. WP 200 psi Meets ARPM IP-7-2011. Made In U.S.A.
Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure..

Order Codes

569-588

Twin-Line Welding Grade R

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027120	3/16	4.8	0.44	11.2	200	1.38	0.13	0.19
20027170	1/4	6.4	0.53	13.5	200	1.38	0.18	0.27
20027203	5/16	7.9	0.59	15.0	200	1.38	0.22	0.33
20027224	3/8	9.5	0.66	16.8	200	1.38	0.26	0.39

Note: For Welding Hose Precautions, see Appendix C.

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Twin-Line Welding Grade RM - Type VD



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 standard for Grade RM welding hose. Non-conductive.

Construction Tube

SBR synthetic rubber compatible with oxygen and acetylene gases

Cover

Chemivic™ synthetic rubber smooth cover

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: Twin-Line 1/4" Grade RM Acetylene Only Std Duty Max. WP 200 psi Meets ARPM IP-7-2011. Made In U.S.A. Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

569-598

Twin-Line Welding Grade RM

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027317	3/16	4.8	0.44	11.2	200	1.38	0.15	0.22
20027342	1/4	6.4	0.53	13.5	200	1.38	0.21	0.31
20027356	5/16	7.9	0.59	15.0	200	1.38	0.25	0.37
20189609	3/8	9.5	0.66	16.8	200	1.38	0.29	0.43

Note: For Welding Hose Precautions, see Appendix C.

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Twin-Line Welding Grade T - Type VD



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 and CGA E-1 standards for Grade T welding hose. Non-conductive.

Construction Tube

Wingprene® synthetic rubber compatible with all common welding fuel gases

Cover

Chemivic™ synthetic rubber smooth cover

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: Twin-Line 1/4" Grade T Fuel Gas Std Duty Max. WP 200 psi Meets ARPM IP-7-2011/CGA E-1. Made In U.S.A. Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure..

Order Codes

569-618

Twin-Line Welding Grade T

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027443	3/16	4.8	0.44	11.2	200	1.38	0.13	0.19
20027465	1/4	6.4	0.53	13.5	200	1.38	0.18	0.27
20027480	5/16	7.9	0.59	15.0	200	1.38	0.22	0.33
20027498	3/8	9.5	0.66	16.8	200	1.38	0.26	0.39

Note: For Welding Hose Precautions, see Appendix C.

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Single Line Welding Grade T



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 and CGA E-1 standards for Grade T welding hose. Non-conductive.

Construction Tube

Wingprene® synthetic rubber compound compatible with all common welding fuel gases

Cover

Chemivic™ synthetic rubber ribbed surface

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: 1/4" Grade T Fuel Gas Std Duty Max. WP 200 psi Meets ARPM IP-7-2011CGA E-1. Made In U.S.A. Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

569-619 (red cover) (acetylene or other common welding fuel gas)
569-620 (green cover) (oxygen)

Single Line Welding Grade T

		ID		Nom. OD		Max. WP		Weight	
		in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
Red (Acetylene)	20685102	3/16	4.8	0.44	11.1	200	1.38	0.08	0.12
	20027506	1/4	6.4	0.53	13.5	200	1.38	0.10	0.15
Green (Oxygen)	20309892	5/16	7.9	0.60	15.1	200	1.38	0.12	0.18
	20027510	3/8	9.5	0.66	16.7	200	1.38	0.14	0.21

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Single Line Welding Grade R



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 standard for Grade R welding hose.

Construction Tube

EPDM synthetic rubber

Cover

EPDM synthetic rubber ribbed surface

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: 1/4" Grade R Acetylene Only Std Duty Max. WP 200 psi Meets ARPM IP-7-2011. Made In U.S.A. Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

569-591 (red cover) (acetylene)

569-592 (green cover) (oxygen)

Single Line Welding Grade R

SAP #		ID		Nom. OD		Max. WP		Weight	
Red (Acetylene)	Green (Oxygen)	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027257	20027276	3/16	4.8	0.44	11.1	200	1.38	0.08	0.12
20027261	20027280	1/4	6.4	0.53	13.5	200	1.38	0.10	0.15
20027267	20027292	5/16	7.9	0.60	15.1	200	1.38	0.11	0.16
20027271	20027295	3/8	9.5	0.66	16.7	200	1.38	0.13	0.19

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Single Line Welding Grade RM



Product Specifications

Application

For welding service. Meets ARPM IP-7-2011 standard for Grade RM welding hose.

Construction Tube

SBR synthetic rubber (non-conductive)

Cover

Chemivic™ synthetic rubber ribbed surface

Reinforcement

Spiral synthetic yarn

Temperature Range

-40°F to 120°F (-40°C to 49°C)

Packaging

500' reels

Branding

Example: 1/4" Grade RM Oxygen Std Duty Max. WP 200 psi Meets ARPM IP-7-2011. Made In U.S.A. Continental ContiTech

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure..

Order Codes

569-589 (red cover) (acetylene)
569-590 (green cover) (oxygen)

Single Line Welding Grade RM

		ID		Nom. OD		Max. WP		Weight	
Red (Acetylene)	Green (Oxygen)	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20027237	20027249	1/4	6.4	0.53	13.5	200	1.38	0.10	0.15

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