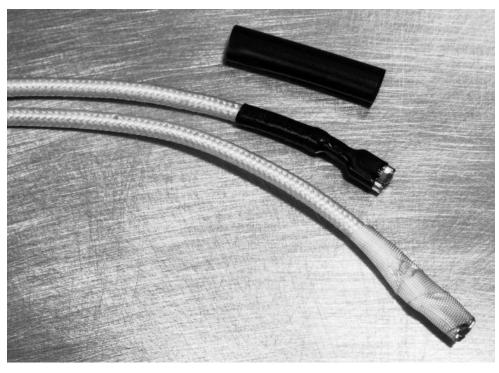


RT555

Fluid-Resistant, Chemical-Resistant, Crosslinked Fluoropolymer Tubing with **Extended Temperature** Range

Product Facts

- Resistance to high temperatures, solvents, corrosive chemicals, and radiation
- **■** Extreme resistance to hvdrocarbons
- **■** Low outgassing (successfully tested for NASA outgassing requirements)
- Highly flame-retardant
- 40 percent lighter weight than tubing made with Viton® fluoroelastomer
- System 300 tubing
- RoHS compliant



Applications

Suitable for commercial applications requiring heat resistance (electrical and hydraulic systems near aircraft or automotive engines or in fuel tanks), applications in chemically exposed environments (industrial process equipment in the pulp and paper, steel, and chemical industries), and equipment for handling caustic or dangerous chemicals or

inks. Use for insulation and strain relief on appliances (electric ranges, microwave ovens, gas grills, and industrial paint-drying equipment) and for protection of delicate electronic instruments in down-hole applications.

Installation

Minimum shrink temperature: 150°C [302°F] Minimum full recovery temperature: 220°C [428°F]

Operating Temperature Range

-65°C to 200°C [-85°F to 392°F]

Specifications/Approvals

Series	UL AL °	TE
RT555	Listed for 185°C for 100,000-hr continuous use (File E85381) Listed for 200°C for 40,000-hr cumulative intermittent exposure	RT-555

Viton is a trademark of Dupont Performance Elastomers LLC.

Revised 5-12

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Available in:	Americas	Europe	Asia Pacific	
		•	•	



RT555 (Continued)

Product Dimensions

Size	Inside diameter		Recovered wall thickness*		
	Minimum expanded Max	Maximum recovered	After heating		
	as supplied	after heating	Minimum	Maximum	Nominal
1/8	3.18 [0.125]	1.57 [0.062]	0.25 [0.010]	0.41 [0.016]	0.30 [0.012]
3/16	4.75 [0.187]	2.36 [0.093]	0.28 [0.011]	0.46 [0.018]	0.36 [0.014]
1/4	6.35 [0.250]	3.18 [0.125]	0.33 [0.013]	0.51 [0.020]	0.41 [0.016]
3/8	9.53 [0.375]	4.75 [0.187]	0.41 [0.016]	0.58 [0.023]	0.48 [0.019]
1/2	12.70 [0.500]	6.35 [0.250]	0.41 [0.016]	0.58 [0.023]	0.48 [0.019]
5/8	15.88 [0.625]	7.95 [0.313]	0.48 [0.019]	0.66 [0.026]	0.56 [0.022]
3/4	19.05 [0.750]	9.53 [0.375]	0.61 [0.024]	0.79 [0.031]	0.69 [0.027]
1	25.40 [1.000]	12.70 [0.500]	0.71 [0.028]	0.89 [0.035]	0.79 [0.031]
1 1/4	31.75 [1.250]	15.88 [0.625]	0.76 [0.030]	0.94 [0.037]	0.84 [0.033]
1 1/2	38.10 [1.500]	19.05 [0.750]	0.86 [0.034]	1.04 [0.041]	0.94 [0.037]
2	50.80 [2.000]	25.40 [1.000]	0.94 [0.037]	1.12 [0.044]	1.02 [0.040]

^{*}Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0)
Size selection		largest size that will shrink snugly over the component to be covered. es are available upon request.
Standard packaging	ard packaging On spools.	
Ordering description Specify product name, size and color (for example, RT555 1/8-0-SP).		name, size and color (for example, RT555 1/8-0-SP).

Part Numbering <u>RT555</u> - <u>1/8</u> -<u>0</u> -<u>SP</u>

Material Size Color Package

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