

Heat-Shrinkable,
Chemical-Resistant,
High-Temperature Tubing

Product Facts

- High resistance to impact and abrasion
- Resistance to a wide variety of fuels, lubricants, acids, and solvents at elevated temperatures
- Flexibility at low temperatures without cracking



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Heat-Shrink Tubing,
Molded Parts and Adhesives

Applications

Raychem premium heat-shrinkable tubing is fabricated from modified fluoroelastomers — a crosslinked material designed for a wide range of applications. It is available in two configurations. RW-200 is the standard wall thickness version, RW-200-E has a thicker wall. Offering fluid resistance, RW-200 and RW-200-E tubing can be used in applications up to 200°C [392°F].

Installation

Minimum shrink temperature: 100°C [212°F]
Minimum full recovery temperature: 175°C [347°F]

Operating Temperature Range

-55°C to 200°C
[-67°F to 392°F]

Specifications/Approvals

Series	Military	Raychem
RW-200	AMS-DTL 23053/13*	RW-3037
RW-200-E	Def. Stan. 59-97 Issue 3 Type 4A VG 95343 Part 5 Type E VDE 0341/PI9005 BS 4G-198 Part 3 12A MIL-PRF-46846 Type III, Class I	RW-3037

* Formerly MIL-I-23053/13 and MIL-DTL-23053/13.

Product Dimensions

Special Purpose Tubing

RW-200/RW-200-E (Continued)

Type RW-200

Size	As Supplied		As Recovered		
	Inside Diameter Minimum	Inside Diameter Maximum	Wall Thickness		
			Minimum	Maximum	Nominal
1/8	3.18 .125	1.57 .062	0.65 .026	0.90 .035	0.78 .031
3/16	4.75 .187	2.39 .094	0.70 .028	1.07 .042	0.89 .035
1/4	6.35 .250	3.18 .125	0.70 .028	1.07 .042	0.89 .035
3/8	9.53 .375	4.75 .187	0.70 .028	1.07 .042	0.89 .035
1/2	12.70 .500	6.35 .250	0.70 .028	1.07 .042	0.89 .035
5/8	15.90 .625	7.92 .312	0.86 .034	1.27 .050	1.07 .042
3/4	19.10 .750	9.53 .375	0.86 .034	1.27 .050	1.07 .042
7/8	22.20 .875	11.10 .437	0.97 .038	1.52 .060	1.25 .049
1	25.40 1.000	12.70 .500	0.97 .038	1.52 .060	1.25 .049
1-1/4	31.80 1.250	15.90 .625	1.00 .040	1.78 .070	1.40 .055
1-1/2	38.10 1.500	19.10 .750	1.00 .040	1.78 .070	1.40 .055
2	50.80 2.000	25.40 1.000	1.22 .048	2.08 .082	1.65 .065

Type RW-200-E

Size	As Supplied		As Recovered		
	Inside Diameter Minimum	Inside Diameter Maximum	Wall Thickness		
			Minimum	Maximum	Nominal
1/8	3.18 .125	1.57 .062	0.65 .026	0.90 .035	0.78 .031
3/16	4.75 .187	2.39 .094	0.65 .026	1.00 .040	0.83 .033
1/4	6.35 .250	3.18 .125	0.70 .028	1.00 .040	0.85 .034
3/8	9.53 .375	4.75 .187	0.80 .031	1.15 .045	0.97 .038
1/2	12.70 .500	6.35 .250	0.90 .035	1.35 .053	1.13 .044
5/8	15.90 .625	7.92 .312	0.95 .037	1.50 .059	1.25 .049
3/4	19.10 .750	9.53 .375	1.10 .043	1.70 .067	1.40 .055
7/8	22.20 .875	11.10 .437	1.15 .045	1.90 .075	1.52 .060
1	25.40 1.000	12.70 .500	1.35 .053	2.00 .080	1.68 .067
1-1/4	31.80 1.250	15.90 .625	1.35 .053	2.30 .090	1.83 .072
1-1/2	38.10 1.500	19.10 .750	1.90 .075	2.40 .095	2.15 .085
2	50.80 2.000	25.40 1.000	2.30 .091	3.30 .130	2.80 .111

Ordering Information

Color	Standard	Black (-0)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Standard packaging	On spools.	
Ordering description****	Specify product name, size and color (for example, RW-200-1/4-0).	

**** Europe only. For supply to MIL, Def Stan and BS add -MS, -DS or -BS to ordering description.