RW-200/RW-200E

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
- RoHS compliant



Applications

Raychem brand premium heat-shrinkable tubing is fabricated from modified, crosslinked fluroelastomeric materials designed for a wide range of applications. It is available in two configurations. RW-200-E is the heavy wall version. RW-200 meets the requirements of 23053/13.

Offering fluid resistance, RW-200 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

RW-200: -40°C* to 200°C [-40°F to 392°F]

RW-200-E: -55°C to 200°C [-67°F to 392°F]

Specifications/Approvals

Series	Military	TE
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/Pt9005 BS 4G-198 Part 3 12A	RW-3037

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

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Catalog 1654025
Revised 5-12

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Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

USA: +1 (800) 522-6752

Canada: +1 (905) 475-6222
Mexico/C. Am.: +52 (0) 55-1106-0800
Latin/S. Am.: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

RW-200/RW-200E (Continued)

Product Dimensions

MIL Spec No.	Size	Inside Diameter		Recovered Wall Thickness**	
		Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating (Nominal) RW-200-E	RW-200
-012	1/8	3.2 [0.125]	1.6 [0.062]	0.76 [0.030]	0.76 [0.030]
-001	3/16	4.8 [0.187]	2.4 [0.093]	0.84 [0.033]	0.89 [0.035]
-002	1/4	6.4 [0.250]	3.2 [0.125]	0.89 [0.035]	0.89 [0.035]
-003	3/8	9.5 [0.375]	4.8 [0.187]	1.02 [0.040]	0.89 [0.035]
-004	1/2	12.7 [0.500]	6.4 [0.250]	1.22 [0.048]	0.89 [0.035]
-005	5/8	15.9 [0.625]	7.9 [0.312]	—	1.07 [0.042]
-006	3/4	19.1 [0.750]	9.5 [0.375]	1.45 [0.057]	1.07 [0.042]
-007	7/8	22.2 [0.875]	11.1 [0.437]	—	1.25 [0.049]
-008	1	25.4 [1.000]	12.7 [0.500]	1.78 [0.070]	1.25 [0.049]
-009	1 1/4	31.8 [1.250]	15.9 [0.625]	—	1.40 [0.055]
-010	1 1/2	38.1 [1.500]	19.1 [0.750]	2.41 [0.095]	1.40 [0.055]
-011	2	50.8 [2.000]	25.4 [1.000]	2.79 [0.110]	1.65 [0.065]

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

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-SP).

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

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