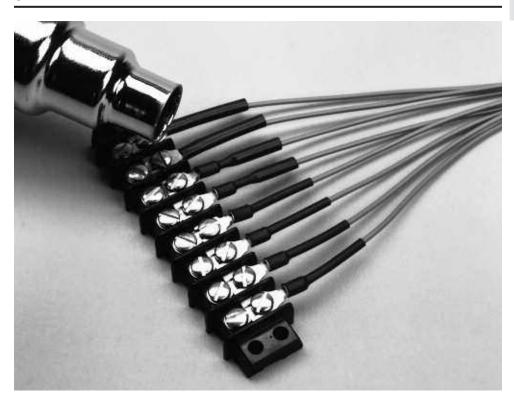


CRN

Semirigid, Flame-Retardant, Polyolefin Tubing

Product Facts

- 2:1 shrink ratio
- High abrasion resistance
- Transfer of flex stress away from typically weak points such as solder and crimp joints, helping ensure a reliable connection
- Flame-retardance (black only)
- Outstanding physical and electrical performance
- Excellent chemical and solvent-resistance properties
- RoHS compliant



Applications

Well-suited for wire strain-relief applications such as soldered or crimped connections, wire splices, and terminations. Provides mechanical protection for delicate components. Can be used for component packaging and for rugged marking of cables.

Installation

Minimum shrink temperature: 110°C [230°F] Minimum full recovery temperature: 135°C [275°F]

Operating Temperature Range

-55°C to 135°C [-67°F to 275°F]

Specifications/Approvals

Series	UL 9 11	CSA 🚯	Military	Raychem
CRN Type 1 (black)	E35586 600 V, 125°C	LR31929 (black only) 600 V, 125°C	AMS-DTL-23053/6*, Class I	RT-360, Type 1 RK-6003
CRN Type 2 (clear)	_	_	AMS-DTL-23053/6*, Class 2	RT-360, Type 2

^{*}Formerly MIL-I-23053/6 and MIL-DTL-23053/6.

Available in:	Americas	Europe	Asia Pacific	
			•	



RAYCHEM Tubing Products

CRN (Continued)

Product Dimensions

	Inside I	Recovered Wall Thickness**	
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating
3/64	1.2 [0.046]	0.6 [0.023]	0.51 ± 0.08 [0.020 ± 0.003]
1/16	1.6 [0.063]	0.8 [0.031]	0.51 ± 0.08 [0.020 ± 0.003]
3/32	2.4 [0.093]	1.2 [0.046]	0.51 ± 0.08 [0.020 ± 0.003]
1/8	3.2 [0.125]	1.6 [0.062]	$0.51 \pm 0.08 [0.020 \pm 0.003]$
3/16	4.8 [0.187]	2.4 [0.093]	0.64 ± 0.08 [0.025 ± 0.003]
1/4	6.4 [0.250]	3.2 [0.125]	0.64 ± 0.08 [0.025 ± 0.003]
3/8	9.5 [0.375]	4.8 [0.187]	$0.76 \pm 0.08 [0.030 \pm 0.003]$
1/2	12.7 [0.500]	6.4 [0.250]	$0.76 \pm 0.08 [0.030 \pm 0.003]$
3/4	19.1 [0.750]	9.5 [0.375]	$0.89 \pm 0.12 [0.035 \pm 0.005]$

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

Ordering Information

Color	Standard	Black (-0)	
	Nonstandard	Clear (-X, not flame-retardant)	
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	In 1.2-meter [4-foot] lengths.		
Ordering description***	Specify product name, size and color (for example, CRN 1/4-0).		

^{***}Europe only. For supply to MIL spec., add -MS to ordering description.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Heat Shrink Tubing and Sleeves category:

Click to view products by TE Connectivity manufacturer:

Other Similar products are found below:

5685710001 CR9960-000 5734012004 607381P039 611112-000 6284592002 CX4711-000 CZ1420-000 D-306-38 770-006S302 770-020S705 MFP-3/64"-Clear 790-3012 MHHT-4-15K2-G-104 8003012003 MIL-LT-1-1/2-4-SP MIL-LT-1-1/2-9-STK MIL-LT-1/2-2-STK MIL-LT-3/0-SP MIL-LT-3/32-0-SP MIL-LT-3/32-6-SP MIL-LT-3/4-4-STK MIL-LT-3/4-6-SP 839602-000 8423-6 FP301-116-48"-Clear FP301-12-6"-Clear FP301-1/4-48"-White-Hdr FP301-18-48"-Black-Hdr FP301-1/8-6"-Black FP301-18-6"-Black-Bulk FP301-316-48"-Blue-Hdr 912229N002 R280637030 HDCW-5515-1000 HDT-0300-48A-BLACK HDT-0400-48A-Black HDT-0800-48A-RED HDT1100-48A-BLK HDT1500-48A-BLK HDT-2000-48A-Black RHW-70/20-1200/ADH-0 DWP-125-0.450-4-55MM-CS879 156082-000 MT5500-3/8-X-SP MT-FEP-045-032-008-X-60IN EPS200-1/4-48"-Black EPS200-1-48"-Black EPS200-3/16-48"-Black EPS200-38-48"-Black-Bulk