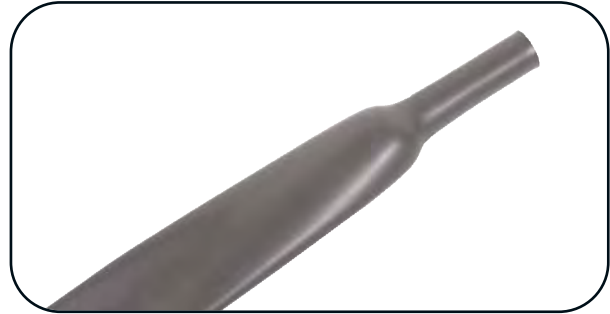


# Part # R10

## Flexible Chlorinated Polyolefin 2 to 1 Ratio



	Specification Reference
UL	○
VW-1	○
CSA	○
MIL Spec	● AMS-DTL-23053/1C Classes 1 & 2

Replaces	
Raychem	NT(RT-510) NTFR(RT-511)
3M/ECC	NST
Alpha	FIT-600

<b>Description</b>	R10 is a rubber-like, flame retarded chlorinated polyolefin heat-shrinkable tubing which meets all the requirements of MIL Specifications AMS-DTL-23053/1C Classes 1 and 2 and MIL-R-46846 Type 1, Class 1
<b>Uses</b>	R10 is recommended for general purpose applications which require excellent abrasion and chemical resistance, such as diesel fuel environments. R10 has excellent properties at low temperatures.
<b>Operating Temp</b>	-75°C, to +120°C, and up to 200°C, for short term durations.
<b>Shrink Temp</b>	150°C
<b>Standard Put-up</b>	Spool

	Property (units)	Test Method	Requirements
<b>Physical</b>	Tensile Strength (psi)	ASTM D638	1500 MIN.
	Elongation (%)	ASTM D638	250 MIN.
	Specific gravity	ASTM D792	1.3 MAX.
	Low temp. flex (-75°C)	AMS-DTL-23053	No Cracking
	Heat shock (200°C, 4 Hrs.)	AMS-DTL-23053	No Cracking
	Heat resistance, 150°C, 168 Hrs, Elongation (%)	ASTM D638	200 MIN.
	Tensile Strength @ 200% elongation (psi)	ASTM D412	2500 MAX.
	Longitudinal change (%)	AMS-DTL-23053	+1, -10
<b>Electrical</b>	Dielectric strength (volts/mil)	ASTM D876	300 MIN.
	Volume resistivity (ohm-cm)	ASTM D876	1.0 x 10 <sup>11</sup> MIN
<b>Chemical</b>	Corrosion (150°C, 16 Hrs.)	AMS-DTL-23053	No Corrosion
	Water absorption (%)	ASTM D570	1.0 MAX.
	Fluid resistance (23°C, 24 Hrs.) Tensile strength (psi)	AMS-DTL-23053	1000 MIN.
	Flammability	AMS-DTL-23053	Pass
	Shrink Temperature (nominal)		130° C

**heatshrink.com**<sup>TM</sup>

# Wholesale Pricing on Full Spools/Bags

Flexible Chlorinated Polyolefin  
2 to 1 Ratio

**R10** Part #

Inside Diameter Before Shrinking (minimum)		Inside Diameter After Shrinking (maximum)	Post Shrink Wall Thickness	Full Spool Length	Price:	Color Selection											
mm	inches	mm (inches)	mm (inches)	in feet	per spool per foot	BK	BR	RD	OR	YL	GN	BL	VI	GY	WH	CL	
						black	brown	red	orange	yellow	green	blue	violet	gray	white	clear	
2.4	3/32 0.0938	1.190625 (0.04687)	0.6858 (0.027)	500	\$667.25 \$1.57		X	X	X	X	X	X	X	X	X	X	
3.2	1/8 0.125	1.5748 (0.062)	0.6858 (0.027)	500	\$722.50 \$1.70		X	X	X	X	X	X	X	X	X	X	
4.8	3/16 0.1875	2.3622 (0.093)	0.8382 (0.033)	200	\$353.60 \$2.08		X	X	X	X	X	X	X	X	X	X	
6.4	1/4 0.250	3.175 (0.125)	0.889 (0.035)	200	\$440.30 \$2.59		X	X	X	X	X	X	X	X	X	X	
9.5	3/8 0.375	4.7498 (0.187)	1.016 (0.040)	100	\$245.65 \$2.89		X	X	X	X	X	X	X	X	X	X	
12.7	1/2 0.500	6.350 (0.250)	1.2192 (0.048)	100	\$277.95 \$3.27		X	X	X	X	X	X	X	X	X	X	
15.9	5/8 0.625	8.001 (0.315)	1.2954 (0.051)	100	\$305.15 \$3.59		X	X	X	X	X	X	X	X	X	X	
19.1	3/4 0.750	9.525 (0.375)	1.400 (0.057)	100	\$370.60 \$4.36		X	X	X	X	X	X	X	X	X	X	
22.2	7/8 0.875	10.9982 (0.433)	1.651 (0.065)	100	\$439.45 \$5.17		X	X	X	X	X	X	X	X	X	X	
25.4	1 1.000	12.700 (0.500)	1.778 (0.070)	100	\$554.20 \$6.52		X	X	X	X	X	X	X	X	X	X	
31.8	1-1/4 1.250	15.875 (0.625)	2.032 (0.080)	100	\$725.05 \$8.53		X	X	X	X	X	X	X	X	X	X	
38.1	1-1/2 1.500	19.05 (0.750)	2.032 (0.080)	100	\$983.45 \$11.57		X	X	X	X	X	X	X	X	X	X	
44.5	1-3/4 1.750	22.225 (0.875)	2.413 (0.095)	100	\$1,183.20 13.92		X	X	X	X	X	X	X	X	X	X	
50.8	2 2.000	25.4 (1.000)	2.413 (0.095)	100	\$1,359.15 15.99		X	X	X	X	X	X	X	X	X	X	

Lead Time: 1 day	Lead Time: up to 50 days	Lead Time: up to 100 days	Lead Time: up to 200 days	Not Possible

The above lead time guidelines are estimated only. They may be longer (not usually) or they may be shorter (typically). Regarding products with 100 & 200 day lead time; pricing may vary, and a minimum order with deposit may be required. Oh... and by the way, everything can change without notice and/or liability.