

shrinkHOoP
Cable Clamp Heat Shrink Grommet Sizes 2, 3 and 4

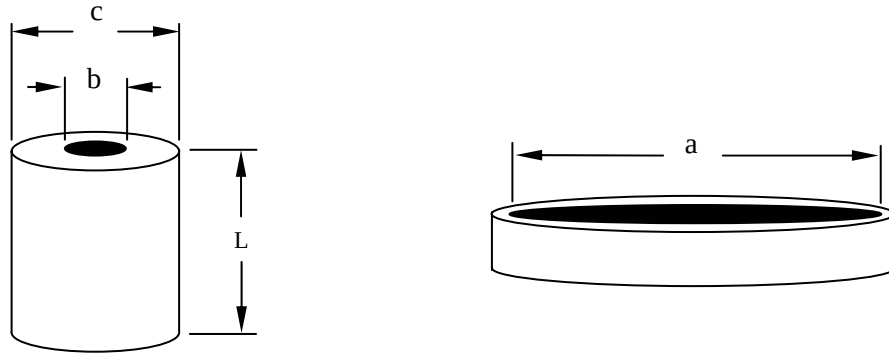


Table of Dimensions, inch (mm):

Part Description	Inside Diameter		Outside Diameter Recovered (c), Ref	Overall Length Recovered L, Ref (See Note*)
	Min. Exp. (a)	Max. Rec'd (b)		
URHR-2	1.23 (31)	0.10 (2.5)	0.375 (9.5)	0.50 (13)
URHR-3	1.44 (37)	0.14 (3.5)	0.500 (12.7)	0.50 (13)
URHR-4	1.85 (47)	0.18 (4.6)	0.562 (14.2)	0.75 (19)

Note*: Alternate lengths available upon request.

Material: heat shrinkable, cross linked polyolefin, meets MIL-I-81765/1 Type II with Shore Hardness value 35+/- 5.

Color: Black

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Specification Control Drawing

tyco <i>Electronics</i>		Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA 94025 USA		Raychem	Title: <i>shrinkHOoP</i> –Cable Clamp Heat Shrink Grommet Sizes 2, 3 and 4		
Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.					Document No. URHR-2-thru-4		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE SHOWN IN BRACKETS					Rev.: F		Rev. Date: December 9, 2004
DRAWN BY: U.NGUYEN	CAGE CODE: 06090	Org. Date: 10/03/2001	File name: R040891	SCALE: None	SIZE: A	SHEET: 1 of 2	

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Table 2: Properties

	Property	Requirements	Test method
Physical	Tensile strength	1200 psi (8.3 Mpa) minimum	ASTM D-412
	Ultimate elongation	250% minimum	ASTM D-412
	Specific gravity	1.4 maximum	ASTM D-792
	Water absorption	0.5% maximum	ASTM D-570
	Hardness, Shore D	35 ± 5	ASTM D-2240
	Flammability	Pass Pass	ASTM D-635 FAR-25
	Corrosion resistance	Pass	MIL-I-81765
	Low temperature flex 4 hours at -67 ± 2°F (-55 ± 1°C)	Pass	MIL-I-81765
	Heat resistance 168 hours at 347 ± 2°F (175 ± 1°C)	200% ultimate elongation, minimum 1000 psi (6.9 Mpa) tensile strength, minimum	MIL-I-81765
	Heat shock 4 hours at 437 ± 5°F (225 ± 2°C)	No cracking, dripping or flowing	MIL-I-81765
Elastic Memory		275% minimum expansion to 4 inch (10 cm) of a fully recovered test specimen, and 93% recovery of expanded specimen after oven condition for 1 minute at 302 ± 4°F (150 ± 2° C)	
Electrical	Dielectric strength	200 v/mil (7880 v/mm) minimum	ASTM D-149
	Volume resistivity	10 ¹² ohm-cm minimum	ASTM D-257
Chemical Fluid Resistance		200% ultimate elongation, minimum 750 psi (5.2 Mpa) tensile strength, minimum	MIL-I-81765

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[URHR-3](#)