




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	930-10Rxx-P1

PRODUCT DESCRIPTION			
<p>1.0" wide, 0.030" thick, red, rectangular cross-section, silicone self-fusing tape. Product is supplied in various yard long roll lengths as indicated by the xx characters in the part number.</p> <p>Meets Commercial Item Description A-A-59163 (supersedes US Military Specification MIL-I-46852C) except for packaging. The following tests are conducted with sampling dictated by MIL-I-46852C: Thickness, Width, Bond Strength, Tensile Strength, Elongation, Dielectric Strength, and Water Absorption.</p>			
Design / Construction			
Rubber:	Cured self-fusing silicone rubber		
Cross-Section:	1.0" wide Rectangular		
Interleave:	0.0025" Polyethylene		
Rubber Thickness		Value	Method
	Rubber:	0.030"	Arlon SQA-TMS-012
Product Color :	Red		
TYPICAL PROPERTIES			
Product Properties		Value	Method
Tensile Strength	lb/in	1531	Arlon SQA-TMS-009
Elongation	%	475	Arlon SQA-TMS-009
Durometer (Silicone Compound)	Shore A Points	56	Arlon SQA-TMS-014
Specific Gravity (Silicone Compound)	---	1.17	Arlon SQA-TMS-024
Dielectric Strength	volts/mil	610	Arlon SQA-TMS-020
Bond Strength	lb/in	3.1	Arlon SQA-TMS-015
Water Absorption	%	0	Arlon SQA-TMS-016
SHELF LIFE AND RECOMMENDED OPERATING TEMPERATURE			
Product Shelf Life	12 months from DOM @ 70°F		
<p>Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.</p>			
Product Operating Temperature	-60°F to +400°F		

The data presented in this document represents typical values for the production material. Typical values should not be used for specification limits. Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlton

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