

WK-S (Weather Sealing Kit)

(Self Bonding Silicone Tape)



Self-Bonding Silicone tape is a cost effective, labor saving alternative to traditional Vinyl Mastic and Butyl Rubber sealing kits. There is no mess and no need to protect the silicone with layers of PVC tape.

Proper weather sealing to prevent the ingress of moisture is critical to the long-term reliability of all antenna feeder cables. Potential weather conditions such as snow, ice or rain in combination with severe heat, cold and high wind require special care to be taken during the weather sealing process.

Part #	Rolls/Kit	Description of Roll	Number of Connections	Price per Kit
WK-S-1	1	1.5" wide x 15' length x 30 mil.	6	
WK-S-2	2	1.5" wide x 15' length x 30 mil.	12	
Properties		Test Method	Performance	
Operating Temperature Range		Continuous	-54C to +260C (-65F to +500F)	
		Intermittent	-65C to +260C (-85F to +500F)	
Dielectric Strength		ASTM D-149	0.010" - 0.030" 400 VPM	
Minimum			0.040" 300 VPM	
Short Time			0.050" 275 VPM	
(1/4: Electrodes)			0.060" 250 VPM	
			0.070" - 0.080" 200 VPM	
Dielectric Constant, 1 KHZ			2.95	
Dissipation Factor 1.KHZ			<.0004	
Volume Resistivity		ASTM D-1458	3 x 10 ¹⁴ OHM/CM	
Cold Brittle Point, MAX		ASTM D-2137	-65C	
Water Absorption		Fed. Std. 601 Method 6251	3% Max. By Weight	
Tensile Strength		ASTM D-412	700 PSI Minimum	
Ultimate Elongation		ASTM D-412	300% Minimum	
Aging Property		ASTM D-412		
<i>Retention (100 Hrs @ 500F)</i>				
<i>Tensile</i>			75%	
<i>Elongation</i>			50%	
Tear Resistance			85 psi	
Durometer Hardness			50 Shore Durometer (Room Cured 24 Hrs.)	
Tolerances				
<i>Thickness</i>			+/- .002"	
<i>Width</i>			+/- .0625"	
UV Resistance		ASTM-D25-65		