



TechSIL

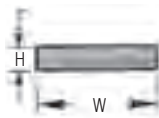
8000 Series

Black = inches Red = mm

Leader Tech's **TechSIL 8000 Oriented Wire** gasketing is designed for use in suppressing EMI/RFI up to 100 dB in the E-Field/up to 50 dB in the H-Field, while offering an effective environmental seal between mating surfaces. This material is comprised of monel or aluminum wire oriented perpendicular to the mating surfaces and embedded in solid or sponge silicone elastomer. The wires are crimped for additional resiliency and to optimize the mechanical performance of the gasket. The silicone based *TechSIL* has 700-900 wires per sq./in. and is capable of withstanding temperatures from -80° to a maximum of 500° F (-62° to 260°C). *TechSIL* Oriented Wire materials are available in strip or sheet form and can easily be die cut into complex shapes or fabricated into custom frame gaskets. All *TechSIL 8000* materials meet the DESC drawing 90046



TechSIL® Sheet		
Part Number	Height	Width
8100-0005-XX	0.032* (0.81)	3.00 (76.20)
8100-0010-XX	0.032* (0.81)	4.50 (114.30)
8100-0015-XX	0.032* (0.81)	6.00 (152.40)
8100-0020-XX	0.062 (1.57)	3.00 (76.20)
8100-0025-XX	0.062 (1.57)	4.50 (114.30)
8100-0030-XX	0.062 (1.57)	6.00 (152.40)
8100-0035-XX	0.093 (2.36)	3.00 (76.20)
8100-0040-XX	0.093 (2.36)	4.50 (114.30)
8100-0045-XX	0.093 (2.36)	6.00 (152.40)
8100-0050-XX	0.125 (3.18)	3.00 (76.20)
8100-0055-XX	0.125 (3.18)	4.50 (114.30)
8100-0060-XX	0.125 (3.18)	6.00 (152.40)
8100-0065-XX	0.188 (4.78)	3.00 (76.20)
8100-0070-XX	0.188 (4.78)	4.50 (114.30)
8100-0075-XX	0.188 (4.78)	6.00 (152.40)
8100-0080-XX	0.250 (6.35)	3.00 (76.20)
8100-0085-XX	0.250 (6.35)	4.50 (114.30)
8100-0090-XX	0.250 (6.35)	6.00 (152.40)



TechSIL® Strip		
Part Number	Height	Width
8200-0005-XX	0.062 (1.57)	0.093 (2.36)
8200-0010-XX	0.062 (1.57)	0.125 (2.36)
8200-0015-XX	0.062 (1.57)	0.188 (4.78)
8200-0020-XX	0.062 (1.57)	0.250 (6.35)
8200-0025-XX	0.062 (1.57)	0.375 (9.53)
8200-0030-XX	0.062 (1.57)	0.500 (12.70)
8200-0035-XX	0.093 (2.36)	0.093 (2.36)
8200-0040-XX	0.093 (2.36)	0.125 (2.36)
8200-0045-XX	0.093 (2.36)	0.188 (4.78)
8200-0050-XX	0.093 (2.36)	0.250 (6.35)
8200-0055-XX	0.093 (2.36)	0.375 (9.53)
8200-0060-XX	0.093 (2.36)	0.500 (12.70)
8200-0065-XX	0.125 (3.18)	0.125 (2.36)
8200-0070-XX	0.125 (3.18)	0.188 (4.78)
8200-0075-XX	0.125 (3.18)	0.250 (6.35)
8200-0080-XX	0.125 (3.18)	0.375 (9.53)
8200-0085-XX	0.125 (3.18)	0.500 (12.70)
8200-0090-XX	0.188 (4.78)	0.188 (4.78)
8200-0095-XX	0.188 (4.78)	0.250 (6.35)
8200-0100-XX	0.188 (4.78)	0.375 (9.53)
8200-0105-XX	0.188 (4.78)	0.500 (12.70)
8200-0110-XX	0.250 (6.35)	0.250 (6.35)
8200-0115-XX	0.250 (6.35)	0.375 (9.53)
8200-0120-XX	0.250 (6.35)	0.500 (12.70)



*0.032" thickness is only available in Silicone Solid

Material Code	Wire Specification	Elastomer
-81	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281	Silicone Sponge Per AMS 3195
-82	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281	Silicone Solid ZZR765, Class 2B, Grade 40
-83	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056	Silicone Sponge Per AMS 3195
-84	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056	Silicone Solid ZZR765, Class 2B, Grade 40

All materials available with tape.

The data presented is accurate and true to our knowledge. Since applications, test methods and test procedures may vary, we recommend that users perform their own tests to assure suitability for specific applications. We offer no product warranty, either expressed or implied, except we will replace any product found to be defective.

Part Number Example

