

BISCO® HT-805(A) Silicone Foam Alternative

Medium-Density Silicone Foam with Shorter Lead Times

- ✓ High compressibility and low compression set
- ✓ High and low-temperature resistance
- ✓ UV, ozone, and environmental resistance
- ✓ Shock absorption and vibration isolation
- ✓ UL-94 V0 flame resistance
- ✓ SMP-800 C gas emission levels
- ✓ AMS 3195 material
- ✓ Standard and custom thicknesses
- ✓ Available with or without PSA adhesives



Material Specifications

Properties	Test Method	Typical Values
Density, lbs/cu.in.	ASTM D5374	.013
Compression Deflection, psi	ASTM D1056-78	7-11
Hardness	ASTM D2240	15 ±5 Shore C
Compression Set	22 hrs. @ 212°F	1%
Water Absorption, %	Internal test 24 hrs.	<5
Temperature Range °F	SAE J2236	-55°F to 400°F
Tensile Strength, psi	ASTM D412	>36
Elongation, %	ASTM D412	>70
Flammability	UL 94	V0
Permittivity	ASTM D412	1.39 C ² /(N·M ²)
Dielectric Strength	ASTM D149	1.6 KV/mm
Flame Diffusion Index	ASTM E162	<25
Smoke density (4 mins / Ds)	ASTM E662	<50
Gas Emission Level	SMP-800C	PASS

Standard Thicknesses

.032" (0.8128 mm)	.093" (2.3622 mm)	.187" (4.7498 mm)	.375" (9.525 mm)
.062" (1.5748 mm)	.125" (3.175 mm)	.250" (6.35 mm)	.500" (12.7 mm)

Custom Thicknesses and Pressure-Sensitive Adhesives (PSA) Available