



BISCO® Silicones

High Performance Foams Division

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7104 – Soft Silicone Sponge

Preliminary Data

7104 are closed cell silicone sponge materials. 7104 is available in 36" x 36" sheets at a variety of thickness.

Features and Benefits

- Handles temperature extremes
- Excellent gasketing material
- Soft closure force
- Very low compression set
- UV/Ozone Resistant

7104		
Property	Test Method	Typical Value
<i>PHYSICAL</i>		
Standard Color		Red
Density, lb./ft ³	ASTM D 1056	31
Compression Force Deflection, psi	Force measured @ 25% Deflection ASTM D 1056	2 - 7 psi (soft stiffness)
Compression Set, % max.	ASTM D 1056 Test D @ 212°F (100°C), 22 hrs.	20%
Tensile Strength, psi	ASTM D 412	100 psi min
Elongation, %	ASTM D 412	250% min
Water Absorption, %	ASTM D 1056	5% max
<i>FLAMMABILITY</i>		
Flame Resistance	FMVSS302	Pass
Temperature Resistance		-103°F to +450°F

Notes:

1. Other colors available upon special request – Black, Gray & White.
2. Additional technical information is available.
3. Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.
4. All values are based on preliminary test data and are currently up for review.

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