

MF1® 8055

MF1® 8055 is a high quality silicone foam material designed for a wide range of cushioning and sealing applications. It features exceptional flame, smoke, and toxicity (FST) characteristics, superior weather- and UV-resistance, and low compression set to ensure safety, long-term comfort and durability. White is the standard color for MF1 foam. It is available in slab form or may be fabricated to customer specifications.

| MF1® 8055 | | |
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| Property | Test Method | Typical Value |
| PHYSICAL | | |
| Density, lb./ft ³ | ASTM D 1056 | 8.0 (130 kg./m ³) |
| Tensile Strength, psi | ASTM D 412 | 10.5 (70 kPa) |
| Elongation, % | ASTM D 412 | >60% |
| Indentation Force Deflection (@2" thick) | ASTM D 3574 B1 | 55 lbs (7.50 kPa) |
| Compression Set, 50% compressed % max. | ASTM D 1056 Test D (70°C), 22 hrs (100°C), 22 hrs | 0% 0% |
| Durability | Jounce & Squim (1,000,000 cycles) | 0% height loss |
| FLAMMABILITY | | |
| Flame Spread | ASTM E 162/ D 3675 BS 6853 BS 5852 PrEN 45545 | <25 cat 1a (composite) crib 7 (composite) HL4 |
| Smoke Density | ASTM E 662 1.5 minutes 4.0 minutes | <50 <20 |
| Vertical Flammability | FAR 25.853 (a)(1)(i) 60 Sec FAR 25.853 (a)(1)(ii) 12 Sec | Pass |
| Toxic Gas Emissions | Bombardier SMP 800C | Pass |

Notes:

1. Additional technical information is available.
2. Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.

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