

NORSEAL® Silicone Foam Rubber F-12 and F-20 are designed for a variety of mass transit railcar applications. These foams are tested to industry standards and are verified to exceed most requirements for railcar applications that would involve sealing, gasketing and cushioning.

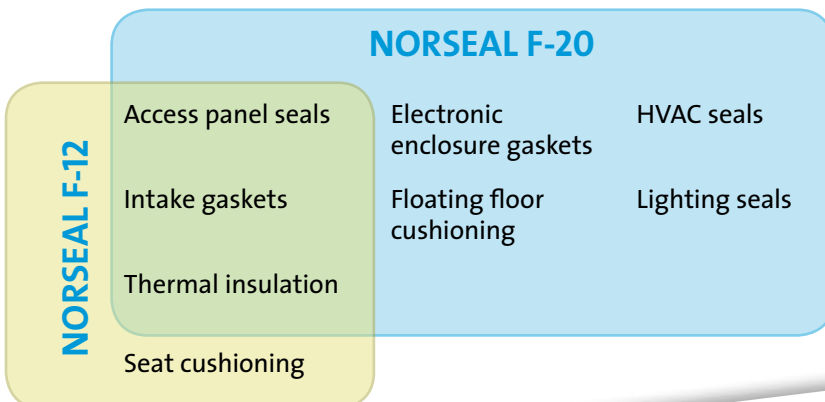
NORSEAL F-12 has a modified cell structure and is produced in a low 12 lb/ft<sup>3</sup> density, ideal for weight savings in certain mass transit applications like cushioning, sealing and gasketing.

NORSEAL F-20 has a finer cell structure (closed cell meeting AMS 3195) and is produced in a medium 20 lb/ft<sup>3</sup> density, making it ideal for mass transit applications like floor cushioning and certain other sealing applications.



## Features

- Wide range of thicknesses from as low as 1/32 in. (0.8 mm) up to 1 in. (25.4 mm)
- Passes industry-specific flame and toxicity tests
- High resistance to compression set
- Good rebound after extreme temperature exposures
- Adhesive options
- Non-corrosive for use in contact with metals (electrical applications)



## Tested for the following mass-transit industry standard specifications:

### Flame and Smoke/Toxicity tests

- UL 94 - Rated V-O
- FAR 25.853 (12s & 60s)
- ASTM E162
- ASTM E662
- ASTM C1166
- NFPA 130
- SMP 800-C

### Electrical and Thermal tests

- ASTM D149
- ASTM D150
- ASTM D495
- ASTM D257
- ASTM C518

(Please see individual data sheets for specific properties)

(NORSEAL Silicone Foams are comprised of the COHRLastic products)

### Additional options in Silicone Foam constructions

- Both F-12 and F-20 are available with acrylic film-supported pressure-sensitive adhesive on one side. These are sold under the brand name SNS 512AF and 520AF.
- Our silicone foams can be supplied with optional permanent liners that include silicone-coated fabrics and thermally conductive fabrics for electrical and thermal applications.
- For additional mechanical strength, we offer NORSEAL Silicone Sponge Rubber R10400 and R10460, which are rated for UL 94 flame standards.



*Saint-Gobain Performance Plastics is a world leader in the development and manufacturing of specialty foams. In addition to NORSEAL Silicone Foam Rubber, Saint-Gobain offers NORSEAL PVC and NORSEAL polyurethane products for less severe sealing and gasketing needs.*

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