

# Z-Foam® 800-10SC-NS3 Series Silicone Foaming Material Specification

Z-Foam®800-10SC-NS3 series products feature a unique cell structure and high-quality raw materials, ensuring rapid rebound after compression, perfect filling of gaps, and the formation of a durable and stable sealing layer. Whether it is dealing with extreme temperature variations or long-term usage pressure, it can maintain stable performance and excellent sealing effect, effectively improving the operational efficiency of equipment, reducing energy consumption, and isolating noise.



### Features

- » High temperature resistant - up to 200°C
- » Good sealing performance, meeting IPX7 standard
- » Ultraviolet rays and ozone resistance
- » Complies with UL157:
  - Good buffering and high compression ratio
- » Compliant with UL94 V-0

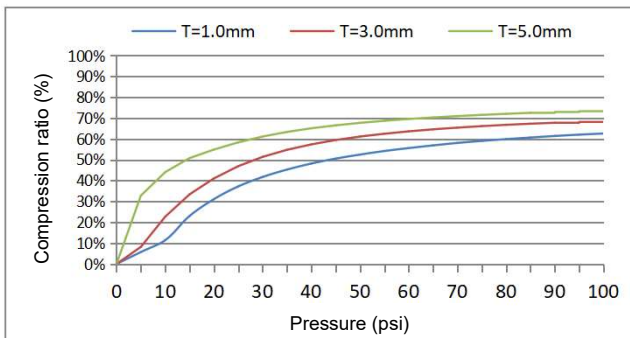
### Application

- » Designed specifically to handle the extreme conditions of liquid material sealing, it boasts outstanding airtightness and extremely strong sealing capabilities, forming a reliable and durable sealing barrier
- » Ensure that leakage and oxidation are prevented during precision casting or processing, ensuring production safety and improving product quality

## Z-Foam® 800-10SC-NS3 Series

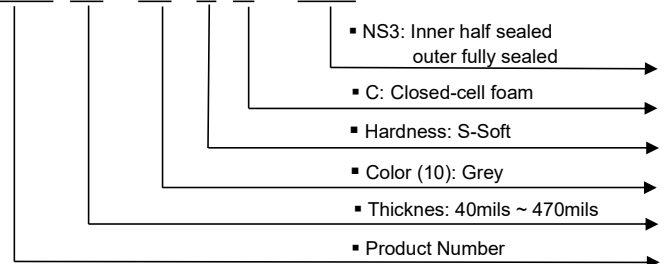
Properties	Value	Test method
Color	Grey	Visual
Structure & Components	Silicone rubber	-
Thickness (mm)	1.0~12.0	ASTM D374
Density (g/cm <sup>3</sup> )	0.37	ASTM D1056
Air Tightness (kPa)	>20	Air tightness tester
Thermal Conductivity (W/mK)	0.08	ASTM D5470
Temperature Range (°C)	-55~200	-

### Compression Ratio



### Product identification

#### Z-Foam8 00 - 10 S C - NS3



### Design Suggestions:

The above specifications can be met if the minimum thickness is 1mm and the minimum width is 1.5mm.

#### Global solutions: Local support

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