

Product Data Sheet

7860-LO (47FJB) Low-Odor RTV Roofing Silicone



Description: 7860-LO series (Hempel 47FJB) is a low-odor, room-temperature-vulcanizing (RTV) silicone.

Recommended use: As a protective, elastomeric roofing material applied over polyurethane foam.

Certificates/approvals: LEED: MRc5, SSc7.2
CRRC: 0720-0004
UL: TGFU.R6034
Miami-Dade: NOA #15-0609.15

Availability: Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7860-LO (47FJB1L000)	White	55- and 5-gallon
7861-LO (47FJB1L030)	Gray	55- and 5-gallon
7862-LO (47FJB1L014)	Dark Gray	55-gallon
7863-LO (47FJB6L080)	Tan (special order only)	55-gallon

Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact Neogard for additional colors.

Physical constants:

Tensile Strength	270 psi	ASTM D412
Elongation	350%	ASTM D412
Permanent Set	2%	ASTM D412
Tear Resistance	26.7 lb/in	ASTM 1004
Water Resistance	< 1%	ASTM D471
Shore A	35 - 40	ASTM D2240
Adhesion	2.6 lb/in	ASTM D903
MVT at 30 Mils	2.9 metric perms	ASTM E96
Weight/Gallon	11.18 lbs/gal	ASTM D1475
Weight Solids	77.2%	ASTM D4209
Volume Solids	62.6%	Calculated
VOC	247 g/L	EPA Method 24
Flash Point	119°F	ASTM 93-PMCC
Shelf Life at 70°F (21°C)	1 year	

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

Application details:

Application method: Roller or spray (contact Neogard for spray equipment information)
Thinner (max.vol.): Mineral spirits (10%)
Mixing: Mix for 3–5 minutes before applying
Cleaning of tools: Mineral spirits or VM&P naphtha

Safety: Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or national safety regulations.

Surface preparation: According to Neogard Guide Specifications.

Application conditions: Substrate temperature must be above 40°F (5°C) and/or below 100°F (37°C), and more than 5°F (3°C) above the dewpoint and rising.

Preceding coat: According to Neogard Guide Specifications.

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Subsequent coat: According to Neogard Guide Specifications.

Accelerators and additives: 7986 (994JB00000): Odor mask, synthetic vanilla scent.
7987 (995JB00000): Odor mask, orange scent.

Storage temperature: Store in a cool area to ensure full shelf life. Recommended temperature: 70°F (21°C).

Note: **7860-LO is for professional use only.**

Issued by: Hempel (USA) – 47FJB

This Product Data Sheet supersedes those previously issued.

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