



BOSS® 888 NEUTRAL RTV SILICONE

TECHNICAL DATA

Basis	Polysiloxane
Consistency	Stable paste
Curing System	Moisture curing
Density*	
Clear (g/ml)*	1.00 ± 0.02
Skin Formation* (22°C/45-55% R.H.) (min)	5-10
Tack Free Time* (22°C/45-55% R.H.) (min)	>15
Curing Rate * (22°C/45-55% R.H.) (mm/24 hours)	2.5-3
Flow, Sag or Slump (mm)	NIL
Hardness, Shore A, Points** ISO 868	18-22
Tensile Strength, (N/mm²)** ISO 37	1.2-1.8
Elongation** (%) ISO 37	>600
Maximum Allowed Distortion (%) ISO 11600	20
Temperature Resistance** (°C)	-40 to 180

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.

Description

BOSS® 888 Neutral RTV Silicone Gasket maker is a paste-like, one-component material, which cures to a tough, rubbery solid upon exposure to moisture in the air. It is formulated for gasket-making applications. It is sensor-safe and manufactured to meet OEM specifications.

Properties

- Oxygen Sensor Safe
- Low volatility
- Makes instant leak-proof gaskets
- Resists oil, water, anti-freeze and transmission fluid
- Remains flexible
- Makes gaskets of any size or shape instantly
- Good resistance to weathering, vibration, moisture, ozone and extreme temperatures

Applications

- Oil pans
- Transmission pans
- Rear-end housing
- Timing chain covers
- Thermostat housings
- Oil pump flanges and more

Packaging

Packaging: 15 g, 25 g and 100 g tubes.
Colour: Clear.

Shelf life

When stored in original unopened container at or below 80°F (27°C), BOSS® 888 has a shelf life of 18 months from date of manufacturing.



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Substrates

Substrates: All usual building substrates, no pvc, not suitable for concrete.

Nature: Rigid, clean, dry, free of dust and grease.

Surface preparation: Porous surfaces should be primed with Primer 150. No primer needed for non-porous substrates. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion test on any substrate.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = 2 x joint depth

Health and safety recommendations

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOUR MAY IRRITATE EYES, NOSE, AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do

not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF THE REACH OF CHILDREN.

Remarks

BOSS® 888 Neutral RTV Silicone Gasket Maker will corrode and will not adhere to copper, brass (and other copper-containing alloys), magnesium, zinc, galvanized metals (and other zinc-containing alloys).

Disclaimer: This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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