

BLUE SEAL #1959

Blue RTV Silicone Sealant



Features:

- 100% RTV silicone
- Industrial strength
- Remains permanently flexible
- Temperature range -76°F to 300°F, intermittently up to 400°F
- Easy to use
- Will not shrink or sag
- When fully cured and washed, meets USDA standards

Description:

BLUE SEAL is a 100% RTV silicone sealant that is excellent for a wide range of industrial sealing and adhesive applications. It is a non-slump, paste-like, one-component RTV that cures at room temperature by reacting with moisture in the air to produce a durable, flexible silicone rubber. Retaining its design properties, this product will not sag or shrink even after years of exposure. It is resistant to sunlight, rain, sleet, snow, UV, light, ozone and temperature extremes. Seals will remain watertight and weatherproof. It can be used in binding applications as a space filling rubber adhesive or formed in place gaskets. Pressurized packaging eliminates the need for a caulking gun.



Applications:

- Sunroofs
- Valve Covers
- Fork Lifts
- Doors & Windows
- Electrical Connections
- Rubber
- Ceramic
- Plumbing Fixtures
- Equipment
- Compressors
- Equipment Housing
- Crevices

Product Properties:

Method	Test	Unit	Result
As Supplied			
ASTM C 679	Tack-free time at 25°C (77°F), 50% RH	Minutes	10-20
	Tooling time	Minutes	5-10
ASTM C 639	Flow, sag or slump		Nil
As Cured – 7 days at 25°C (77°F) and 50% RH			
ASTM D 2240	Durometer Hardness, Shore A	Points	26
ASTM D 412	Ultimate tensile strength	psi (MPa)	310 (2.1)
ASTM D 624	Tear strength	ppi (kN/m)	22 (3.9)
ASTM C 794	Peel strength	pli (kN/m)	22 (3.9)
ASTM C 603	Extrusion rate	g/min	370

Product Characteristics:

Appearance:	Blue paste
Odor:	Acetic acid odor
Flash Point:	Closed cup: >100°C (>212°F)
Relative Density:	1.007
VOC:	31 g/L
UL Rating:	USR-CNR-94HB
Storage:	Store in original container protected from direct sunlight in a dry, cool, well-ventilated area away from incompatible materials.

Transport Information:

Proper Shipping Name:	Aerosols, flammable (each not exceeding 1 L capacity) (1, 1-Difluoroethane).
UN Number:	UN1950
Class:	2.1

DOT Placard:

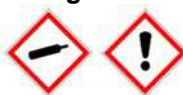


Directions:

Clean and dry surface. Remove oil, grease, or soap from surface. Hold nozzle at 45° angle and apply in any direction. Sealant normally skins over in 5 minutes and dries tack-free to the touch in one hour. Sealant cures and bonds fully in 24 hours and maximum strength is achieved in seven days.

Note: This product is not resistant to gasoline. Do not use for head gaskets.

Pictograms:



Signal Word:

Warning

Personal Protective Equipment Required:

