NEUTRAL-CURING SILICONE

J-8820

Neutral Silicone Sealant

One-component, moisture-curing silicone sealant



DESCRIPTION

This high-performance, neutral silicone sealant is a one-component, moisture-curing product. It cures with ambient humidity to form flexible silicone rubber. Its neutral cure prevents corrosion of metals and masonry. Suitable for weather sealing, it offers stable elasticity and excellent resistance to UV rays, ozone and extreme temperatures.

CHARACTERISTICS

- Neutral curing and substrate-friendly. One-component, moisture-curing and non-corrosive; does not stain various substrates.
- Balanced adhesion and flexibility. Elongation at break greater than 200% accommodates substrate movement.
- Excellent workability. Smooth extrusion with resistance to slumping.
- Reliable temperature resistance. Operating range: −40°C to 200°C.
- Wide range of colours. Standard colours in stock; custom colours available on request.

SCOPE OF USE

- Designed for applications requiring a strong yet flexible bond, such as bonding glass, metal, stone, plastics and other materials.
- Will not penetrate the substrate or corrode the material.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Property	Result
Chemical base	Neutral silicone polymer
Color	Bright black, bright white, clear and other colours
Cure mechanism	Moisture curing
Density (g/cm³)	1.01
Application temperature (°C)	5°C to 40°C
Skin time	5 min
Full hardening rate (mm/day)	2.5 mm/24 h
Temperature resistance (°C)	−40°C to 200°C
Shore A hardness	28
Tensile strength (MPa)	1.2 MPa
Elongation at break (%)	>200%

PACKAGING INFORMATION

Cartridge	310 ml; 12/20/24 pcs per carton
Sausage	400 ml/600 ml; 20 pcs per carton
Barrel	200 L/250 kg

STORAGE & SHELF LIFE

This product should be stored in its original packaging in a cool, dry place, protected from frost, sparks, flames and direct sunlight. Keep away from children.

Shelf life: 12 months from manufacturing date.