



Si-701

Fire-retardant Sealant



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Si-701 Fire-retardant Silicone Sealant



Fire-retardant Silicone Sealant Si-701 is a neutral, eco-friendly, anti-bacterial, noncorrosive, and vulcanizing silicone sealant at room temperature. Si-701 contains no solvent or acetic acid; it is odorless and harmless. Custom-made batches are also available in a variety of colors.



Applications

- Ships
- Plants
- Advanced construction
- Cars
- General industry

Features

- Powerful sealant
- Fire-retardant
- Nontoxic and almost smokeless
- Excellent elasticity and high tensile strength
- Anti-bacterial
- Water-resistant
- Electric transmission resistant
- UV light and ozone resistant

Specifications

- Color Matched at customer's request
- Surface drying time 1 ~ 2 hours
- Capacity Cartridge (310 ml)
- Storage life 12 months
- Service temperature -55°C ~ 250°C
- Specific gravity about 1.0 g/cm³ to 1.3 g/cm³ (1.05 g/ml)
- Tensile strength 21.4 kgf/cm² (2.1 N/mm²)
- Adhesive strength 588 N (20 mm), 755 N (25 mm),
1372 N (40 mm), 1488 N (45 mm), 1646 N (50 mm)
- Tensile failure 410%
- Hardness 35 shore A (= 22°)
- Shrinkage 3%
- Viscosity Nonslump paste
- Elasticity 0.8 N/mm² (the modulus of elasticity)
- Storage temperature Room temperature
- UV test Grade 5, (40±1)°C, 24 hours
- pH Neutral
- Main ingredients Silicone
- Solid Over 98%

Main Office & Plants

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