

TECHNICAL DATA SHEET

Neutral Silicone Sealant R520

Description & Features

It is single component; Cures at room temperature when exposed to moisture in the air; Neutral cure system; Good weather resistance, ageing resistance, ozone resistance, water-proof, UV resistance and high and low temperature resistance property, mildew proof; Used widely for most applications.

Application

- Used in indoor and outdoor applications with long service life.
- Aluminum alloy, PVC profile, wood, steel substrates and other joints sealing.
- Good adhesion to glass, aluminum, mixed soil and other building substrates.

Colors

White, black, grey and others as requested.

Packing

300ml/cartridge, 25 cartridges/carton.

Storage & Shelf life

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures <27°C.

Properties

Item	Specification
Uncured – As Tested at 50% RH and 23°C	
Curing	Neutral
Appearance	No grain, no agglomeration
Specific gravity	1.02±0.1
Application temperature (°C)	0-200
Tack free time (Min)	10-20
Curing rate (mm/24h)	3-5
As Cured – After 21 Days at 50% RH and 25°C	
Elongation at break (%)	200-400
Tear Strength (kgf/cm ²)	8-15
Hardness Shore A	20-28