

BS-9000 V303

Polyurethane adhesive

- ❑ Solvent free, without mercury salt
- ❑ High strength and good thixotropy
- ❑ Good temperature and humidity resistance

BS-9000 V303 is a 2-component, polyurethane based adhesive. BS-9000 V 303 is easily operation. And shows good adhesive performance with FRP, composite material, metal and plastic substrate.

Properties

Physical Properties	Part A	Part B	Unit
Appearance	Grey	White	-
Viscosity	50000 ~150000	50000 ~ 150000	cP

Property	Value	Unit
Mixing ratio	1:1	-
Mixed Viscosity	50000 ~150000	cP
Operation time (20°C)	5	min
Pressure time (80~90°C)	2~3	°C
Shore D Hardness	68	-
Density	1.45	g/ml

Mechanical Properties	Value	Unit
Shear strength SF (SMC, ISO 4587)	5	MPa
Shear strength (CFRP, ISO 4587)	14	MPa
Shear strength (CRS, ISO 4587)	14	MPa
Tensile strength (ISO 37)	16	MPa
Elongation (ISO 37)	14	%

@2mm - 23°C and 50% relative humidity

Supplied by all CAPLINQ Global entities

Europe

Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

Canada

80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



North America

36927 Schoolcraft Rd
Livonia, MI 48150
United States
Phone: +1 (313) 558-8243
Email: info@caplinq.com

South East Asia

S-08-07 Persiaran Triangle
B Lepas, Penang 11900
Malaysia
Phone: +60(12)4302223
Email: info@caplinq.com

Applications

BS-9000 V303 shows excellent shear strength on various substrates without primer and exhibits excellent adhesion to:

- Most metals with no corrosion including stainless steel and aluminium
- Plastics such as polycarbonate and polyamide
- Other general materials

BS-9000 V303 is suitable for:

- Waterproof insulation sealing of electronic products.
- Waterproof, dust-proof, and airtight bonding of electronic products.
- Bonding and sealing of white and brown goods.
- Bonding and sealing of electronic communication products and PCB of base station.

Surface Preparation

Ensure the bonding surfaces are dry, clean, and free of dirt, grease etc.

Clean the surfaces using two cloth method and remove the dust using oil-free compressed air.

Two Cloth Method:

1. Clean/Rub the surfaces to remove the grease with a clean cloth dampened with solvent.
2. Immediately wipe off the residues using another clean cloth with a buffing action.

Working Conditions

- Environment: Ensure to work in a well- ventilated space.
- Mixing ratio (parts by volume): Part A: Part B 1:1
- Mixing method: Using automatic dispensing equipment or bi-component tube
- Curing temperature: Room temperature

Packaging

400ml Cartridge; 20l pail; 200l drum

Storage and Shelf life

6 months from the date of manufacturing in its original packaging when stored in dry and clean place at temperature below 35 °C. The remainder in partly emptied package must be used as soon as possible.

Supplied by all CAPLINQ Global entities

Europe

Industrieweg 15E,
1566JN Assendelft
The Netherlands
Phone: +31 (20) 893 2224
Email: info@caplinq.com

Canada

80 Sirocco Crescent
Ottawa ON, K2S 2C9
Canada
Phone: +1 (613) 482-2215
Email: info@caplinq.com



North America

36927 Schoolcraft Rd
Livonia, MI 48150
United States
Phone: +1 (313) 558-8243
Email: info@caplinq.com

South East Asia

S-08-07 Persiaran Triangle
B Lepas, Penang 11900
Malaysia
Phone: +60(12)4302223
Email: info@caplinq.com