

TOPSTICK SC-011

Product Information

TOPSTICK
Advanced Bonding Technologies

Product Description

Topstick SC-011 is a 2-part brush grade contact cement for bonding various rubbers to themselves and to metal surfaces. It was designed specifically for the bonding of rubber to metal surfaces, and bonding of fabric conveyor belts as well as for a diverse range of rubber applications. It achieves high initial and permanent strength adhesions. Topstick SC-011 cement yields excellent results when used for bonding rubber with CN bonding layer to metal and other surface.

Features & Benefits

- Exceptional strength adhesive
- Belt splicing, rubber to metal
- Fast curing time
- Competitively priced
- Free from trichloroethylene



Important

Topstick SC-011 is a flammable product and therefore should be used above-ground only.

Topstick SC-020 which is non-flammable is recommended when work must be completed underground or near any source of ignition.

Technical Data

Appearance	Black homogeneous solution
Visc, DIN 53211, Ø, 8 20°C, s	63 ± 7
Specific gravity, 20°C, g/cm ³	1,07
Total solids, %	Min. 18
Flash points, °C	Flammable
Application	By brush
Consumption, g/m ²	300
Package tin cans	850g
Storage conditions	Orig packaging 5°C to 25°C
Storage life	2 years

Fabric to Fabric | Rubber to Fabric | Rubber to Rubber | Rubber to Polyurethane | Rubber to Metal | Rubber to Cement | Metal to Polyurethane | Wood

Instructions for Use

All surfaces which are to be bonded must be prepared prior to bonding. Rubber is to be roughened with a steel brush up to textile. Dust is to be removed from the roughened areas by brush. Clean the metal surfaces from corrosion and wash with a cleaning solvent (TOPSOL NL-08). The adhesive is to be prepared by adding 5% Topstick Hardener SC to Topstick SC-011. The mixture should be stirred thoroughly to prepare the adhesive. Pot life is 2-hours.

Fabric to Fabric

3 coats for heavy duty conveyor belts.

First coat is applied to the prepared surface and left to dry. Drying takes approximately 10min. Drying of the second coat requires 30min. Third coat is to be applied and left to dry until 'tack free' state (15min - 20min). If the third coat is over dried, it is necessary to apply a fourth.

Drying time stated above assume temperatures from 20°C upwards, and humidity less than 70%. In cases where there is high humidity, please refer to technical data sheet.

Rubber to Metal

2 coats plus metal primer.

Adhesive is to be applied in two coats on both surfaces. Drying of the first coat takes 30min. Drying of the second coat takes 10min - 20min. Assemble the surfaces and press tightly with a press or a roller.

Drying times stated above assume temperatures from 20°C upwards, and humidity less than 70%. In cases where there is high humidity, please refer to technical data sheet.