



NR-70LVHS SPRAYABLE POLYURETHANE

NORMAC NR-70LVHS 100% solids 2:1 Polyurethane spray coating cures to 70A shore hardness. Designed using PTMEG Polyether with low-free technology which virtually eliminates isocyanate exposure. This versatile product has very good abrasion and puncture resistance while maintaining high elongation values similar to softer rubbers. Designed to refurbish and replenish conveyor belt top-covers that use smaller diameter pulleys. Easily processed using dual cartridge or heated plural component equipment.



Normac Adhesive Products Inc.

1350 Heine Court, Burlington ON

Canada L7L 6M4

Tel. 1.905.332.6455

Sales@normacadhesives.com

The directions for the use of our products are based upon tests believed to be reliable but no warranty is given. Since conditions for the use of this product are beyond the sellers control, all risks are assumed by the user. Please contact your local agent or call Normac Adhesive Products Inc. for further assistance.

KEY BENEFITS

- **Seamless monolithic** • **Soft and supple**
- **Application speed** • **Low coefficient of friction**
- **Noise reduction**

PROPERTIES

Prepolymer: PTMEG-Low Polyether

Solids: 100%

VOC's: Zero

Hardness Shore A: 70 +/-5

Colour: All standard

Shelf Life: +2 years unopened

Storage: 23°C/73°F, dry, away from sunlight

Tensile Strength: ASTM D412 ~ 9.96MPa (1445 psi)

Elongation: ASTM D412 ~ 656%

Tear Strength: ASTM D624 Die C ~ 44.83kN/m (276lbf-in)

Taber Abrasion 1kg, 1000cy, H-18: ASTM D4060-19 ~ 134mg loss

Impact Resistance: ASTM D2794 ~ >28.02 kN/m (160 pli)

Dry/wet operating temperature: -56°C (-70°F) to 93°C (200°F)

Immersion Operating Temperature: Max 60°C (140°F)

Vapor Transmission: ASTM E96-80 ~ < 0.10

Chemical Resistance: usually pH 3 - 11

Coverage: 34sqm @ 25micron/kg (166sqft @ .001"/lb)

APPLICATION DATA (23°C / 73°F)

Method: Heated Plural / Cartridge

Ratio by volume: 2A: 1B

Ratio by weight: 100A: 47B

Machine process temperature: Pt A 80°C (176°F), Pt B 23°C (73°F)

Cartridge process temperature: Pt A 50°C (122°F), Pt B 50°C (122°F)

Pot Life: 2 minutes

Tack Free: 20 minutes

Overcoat: Continuous, maximum 2 hours

Ultimate cure: 7 days

SURFACE PREPARATION (guide available)

Grit-blast using standard SSPC-SPI0 near white including minimum 50 micron (0.002") angular depth profile for maximum adhesion or mechanically roughen using standard SSPC-SPI1 to achieve desired adhesion strength. Primers must always be used.

Primers: NP-9500: Metal, Polyurethane, Fiberglass

NP-9600: Immersion and or Aluminum, Stainless alloys

NP-8400: Rubber, Polyurethane

NP-100/200: Concrete

KIT PACKAGING

NR70C..... Dual cartridge 600 x 300 ~ 1kg/ 2.2lb

NR70-15..... 52.75kg/ 15 gallon/ 116.29lb

NR70-55..... 599.04kg/ 165 gallon/ 1320.6lb

SAFETY

See the NORMAC NR-70LVHS product SDS. Strict adherence to regional safety regulations must be practiced.