



NR-70LVHS SPRAYABLE POLYURETHANE

NR-70LVHS 100% solids 2:1 Polyurethane spray coating is based on its PTMEG low free Polyether chemistry and is easily processed. This versatile product allows for higher abrasion and puncture resistance while maintaining friction control. The 70LVHS also has self healing characteristics making it an interesting option for specialty applications.



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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**

TECHNICAL DATA:

Prepolymer: PTMEG Polyether Low free TDI

Solids: 100%

VOC's: Zero

Hardness Shore A: 70 +/-5

Colour: Standard, custom colours available

Shelf Life: 2 years unopened

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

Tensile Strength: ASTM D412 ~ 13.79 MPa (2000 psi)

Elongation: ASTM D412 ~ 300%

Tear Strength: ASTM D624 Die C ~ 44.83 kN/m (256 lb-in)

Taber Abrasion 1kg, 1000cy, H-18: ASTM D4060-19 ~ 47mg loss

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

Operating Temperatures: -56°C (-70°F) to 93°C (200°F)

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

Vapor Transmission: ASTM E96-80 ~ < 0.10

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

Transportation: DGR

APPLICATION DATA (23°C / 73°F)

Processing: 2:1 Heated Plural / Cartridge

Mix Ratio by volume: 2A: 1B

Mix Ratio by weight: 100A: 47B

Processing Temp: Pt A 80°C (176°F), Pt B 23°C (73°F)

Working Time: < 2 minutes

Tack Free: < 20 minutes

Recoat Time: Continuous, maximum 2 hours

Light duty service: 24 hours

Ultimate cure: 5 days

Clean up: Non-oil-based solvent

SURFACE PREPARATION:

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 or Polyurethane

NP-9600: Metal immersion service with NP-9500

NP-100: Concrete

AVAILABLE KIT SIZES:

600 x 300 dual cartridge ~ 1 kg

Pail kit (3) 52.75 kg / 116.29 lb

Drum kit (3) 599.04 kg / 1320.6 lb

SAFETY:

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