



NR-95LVHS SPRAYABLE POLYURETHANE

NR-95LVHS 100% solids 2:1 Polyurethane spray coating has tremendous resiliency based on its low free PTMEG Polyether chemistry. Designed for use in the most dynamic dry, wet, and immersion corrosive small particle abrasion environments. Easily processed resulting in a hard surface promoting the flow of materials. Non-stick cleanability also makes it attractive for many material handling 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:

- **Coefficient of friction** • **Anti-Corrosion**
- **Application speed** • **Less material hangups**
- **Flexible thickness**

TECHNICAL DATA:

Prepolymer: PTMEG Polyether Low free TDI

Solids: 100%

VOC's: Zero

Hardness Shore A: 95 +/-5

Colour: Standard, custom colours available

Shelf Life: 2 years unopened

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

Tensile Strength: ASTM D412 ~ 22.46 MPa (3258 psi)

Elongation: ASTM D412 ~ 268%

Tear Strength: ASTM D624 Die C ~ 59.89 kN/m (342 lb-in)

Abrasion Taber 1kg, 1000cy, H18: ASTM D4060-19 ~ 58 mg 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: < 1 minute

Tack Free: < 10 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-SPII 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) 596.9 kg / 1316 lb

SAFETY:

See the NORMAC NR-95LVHS product SDS. Strict adherence to regional safety regulations must be practiced.