



NR-95LVHS

SPRAYABLE POLYURETHANE

NORMAC NR-95LVHS 100% solids 2:1 Polyurethane spray coating cures to 95A shore hardness. Designed using PTMEG Polyether with low-free technology which virtually eliminates isocyanate exposure. For use in dynamic dry, wet, and immersion corrosive small particle abrasion environments. Easily processed using dual cartridge or heated plural equipment resulting in a hard surface promoting material flow. Non-sticking allowing for easy cleaning 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**

PROPERTIES

Prepolymer: PTMEG-Low Polyether

Solids: 100%

VOC's: Zero

Hardness Shore A: 95 +/-5

Colour: All standard

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 (342lbf-in)

Abrasion Taber 1kg, 1000cy, H18: ASTM D4060-19 ~ 45 mg 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: < 1 minute

Tack Free: 10 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-SPII 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

NR95C..... Dual cartridge 600 x 300 ~ 1kg/ 2.2lb

NR95-15..... 52.75kg/ 15 gallon/ 116.29lb

NR95-55.....596.9kg/ 165 gallon/ 1316lb

SAFETY

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