

NAH-1101

HYBRID MS POLYMER ADHESIVE AND SEALING SEAL

- ✓ One component
- ✓ Low-stress bonding and sealing
- ✓ Curing at room temperature
- ✓ Excellent recovery after load
- ✓ Safe to use

Technical Info

- Composition: moisture-curing hybrid polymer.
- Appearance (WL-M020): white pasty.
- Viscosity (WL-M002 - 23°C, 10s-1): 200 Pa.s.
- Hardness (WL-M001): 45 shore A.
- Tensile strength (WL-M009): 3.0 MPa.
- Elongation at break (WL-M009): 300%.
- Shear strength (WL-M013 Steel): 18 kg/cm².
- Shear strength (WL-M013 Alu): 16 kg/cm².
- Temperature resistance (WL-M013): -50°C to 90°C.
- Curing time (depending on the bonded materials) and shear strength on steel:
 - After 24 hours: hand-tight.
 - After 7 days: 18 kg/cm².
- Shelf life: 12 months, in original packaging between +5°C and +25°C and not exposed to moisture and sun. Keep the container closed to prevent moisture absorption.
- Consult the safety data sheet before use.

Quality and specification information: The technical information contained in this document corresponds to the typical properties of the product. This information cannot be used or considered a definitive specification. For assistance in preparing a final specification, please contact our technical department.

Product [NAH-1101]

Characteristics

NAH-1101 is a monocomponent hybrid MS polymer for bonding and sealing applications where flexible and reliable bonding is required. The high strength is combined with very high flexibility and stress absorption for bonding and sealing various materials such as metals, technical plastics and glass. The flexibility of NAH-1101 enables low-stress bonding of various materials with excellent recovery after loading. NAH-1101 is safe to use and free of silicone.

Applications

Industrial and structural assembly where high strength and low-tension bonding and sealing are important requirements. NAH-1101 provides a strong and reliable bond between a variety of materials. In combination with Seal & Bond Special Primer, bonding to polyethylene (PE/HDPE) and polypropylene (PP) is possible.



Packing

NAH-1101 Assembly Hybrid Polymer white -
cartridge 310ml

532031000

Use

- Apply to a clean surface. If necessary, clean using Safety Clean (chemical contamination) and/or Multifoam (natural contamination).
- Respect a minimum adhesive thickness of 0.1mm and a maximum of 3mm. A thin adhesive layer has a faster strength build-up.
- When bonding large surfaces of non-porous surfaces, it may be advisable to use MGM PRIMER as a pre-treatment to accelerate curing.
- After bonding, ensure that the assembly remains in place for at least 24 hours.
- Maximum strength is reached after seven days.
- Seal & Bond Special Primer improves adhesion to materials that are difficult to bond. Apply Seal & Bond Special Primer to both surfaces and allow to dry for five minutes before applying NAH-1101.