

BETALINK™ 36 (PRELIMINARY)

Plastic Bonding Systems

BETALINK™ 36 is an 2-component, permanently elastic STP based adhesive with a very fast strength build-up and very good adhesion properties on a large variety of substrates. Thanks to fast cross-linking it is possible to bond parts in a continuous working process.

- Fast strength build-up, handling strength achieved after 30 minutes
- Compatible with paints
- Corrosion protecting
- Solvents, isocyanates and silicones free
- Odorless
- Non-corrosive on surfaces
- Impact and vibration resistant (shock absorbing)
- Very good sealing properties

All DuPont products are primarily developed in co-operation with the automobile manufacturers, according to their needs and their specifications, they are approved for the specific applications as defined by the customer. The use of the product other than approved application must be released in written form by the Technical Service of DuPont.

Unless specified otherwise test are conducted at 23°C/50% relative humidity.

Component A

Density 1.3 - 1.4 g/cm³

Component B

Density 1.35 - 1.45 g/cm³

Product information

Colour Gray^[1]
Basis 2-component Silane modified Polymers

[1]: Light gray

Rheological properties

Viscosity, component A 1000^[2] P
Viscosity, component B 600^[2] P

[2]: at 23°C / 10 1/s

Application technique

Working time 4 - 7 min
Mixing ratio 1:1^[3]
Processing temperature 41 - 104 °F
[3]: 1:1 volumetric

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Cured properties

Temperature stability 104 - 194 °F

Typical mechanical properties

Stress at break	435 psi	ISO 1798
Strain at break	150 %	ISO 1798
Lap shear strength, 7 days	≥290 psi	DIN EN 1465
Shore hardness A	45 - 55	DIN 53505

Characteristics

Compatibility Composites, Paint

Additional information

Adhesives Shelf life

Further information on request. Storage conditions: +10°C to +25°C in unopened containers.

Bonding surface preparation

All bonding surfaces must be free of dirt, dust, water, oil and grease. In general adhesion promoters must be applied to the surfaces. Verify compatibility or consult our technical service department.

Application Equipment

Cartridges "side by side": Application with pneumatic gun like MIXPAC type DP 400.

Drums, Pails: Robotic pump system possible.

Upon request our application specialists can give support to select the right application system for your application.

Cleaning

Uncured material can be removed with BETACLEAN™ 3500. Hardened adhesive residues can only be removed mechanically. Immerse equipment in BETACLEAN™ 3000.



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The above data are preliminary and are subject to change as additional data are developed on subsequent lots.

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