

BETAFILL™ 10101

Adhesive and Seam Sealant

BETAFILL™ 10101 is a one-component, sprayable and moisture curing polyoxypropylene (P-O-P) based seam sealant with permanent elasticity and good adhesion to various substrates. It has excellent UV stability and is immediately over-paintable.

BETAFILL™ 10101 allows the body shop to finish a body repair job using a seam sealer used in the original auto production plant.

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.

Allgemeine Informationen

Farbe	Grau	
Basis	POP Polyoxyprop - ylene	
Dichte	1.1 - 1.7 g/cm ³	ISO 845

Uncured properties

Enthäutungszeit	15 - 35 min
Aushärtung, nach 24 St.	≥0.118 in

Rheologische Eigenschaften

Viscosity, Haake RU 20	500 - 900 P
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Application technique

Verarbeitungstemperatur	41 - 95 °F
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Cured properties

Temperaturstabilität	-40 - 176 ^[1] °F
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[1]: Short term up to +120°C in cured condition.

Mechanische Eigenschaften

Stress at break	261 psi	ISO 1798
Strain at break	250 %	ISO 1798
Shorehärte A	≥47 -	DIN 53505

Storage and stability

Haltbarkeit	9 ^[2] Monate
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[2]: Storage conditions: +5°C to +25°C in unopened containers.

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Verarbeitung

Kleben

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.

Important: Never use nitro-solvents or cleaner containing fat.

Range of Adhesion

Suitable for use on coated sheet metal, aluminum, stainless steel, ABS, GRP, PUR, Polycarbonate, hard PVC, most e-coating and metallic paints, wood and glass.

In combination with Primer on PVC-underbody-coating, Polypropylene and EPDM.

Attention: Not to be use as windows adhesive!

Over - paintability

Because of the reactive drying procedure of BETAFILL™ 10101 it is immediately over-paintable with most available paints, wet-on-wet. It is suggested that should over-painting be required it should be done within 2 hours after the application of BETAFILL™ 10101. For over-painting after 2 hours, we recommend BETAWIPE™ 4000 (Evaporation time 5 min, absolutely necessary). Do not apply BETAWIPE™ 4000 until 2 hours have elapsed after application of BETAFILL™ 10101.

Alcohol, present in most modern paints, does not inhibit the curing of BETAFILL 10101.

Application Equipment

Cartridges: Application with all spray guns specifically designed for sprayable seam sealers.

DuPont application gun BETAPRESS™ is however recommended.

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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