



BETASEAL™ U-418HV

Glass Bonding Systems

BETASEAL™ U-418HV is a one-component, fast-curing, high viscosity adhesive, which bonds primerless to most fritted glass and is suitable for direct glazed automotive glass, such as windshields, backlites, quarter glass and other stationary glass. Other uses include attaching hardware to glass and backfilling to reinstall reveal moldings or other trim. It is resistant to extended outdoor weathering without losing its adhesion and physical characteristics.

BETASEAL™ U-418HV is crash tested to a minimum drive away time of 2 hours down to 40°F/4.4°C (FMVSS 212). Please consult fixed glass installation guide for more details.

Please contact your local DuPont sales representative for more detailed information or visit BETASEALarg.com.

Product information

Colour	Black	
Density	1.23 g/cm ³	ISO 845
Solid content	≥99 %	

Typical mechanical properties

Tensile Strength	6.9 MPa	ASTM D 412
Elongation at break	375 %	ASTM D 412
Lap shear strength, 3 days	≥4.48 MPa	DIN EN 1465
Shore A hardness	65	ASTM D 2240

Storage and stability

Shelf life	9 ^[1] months
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[1]: from date of manufacture

Additional information

Adhesives

Area of Application

All Dupont M&M adhesive 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 M&M Adhesives.

Surface Preparation

All bonding surfaces must be free of impurities (dirt, dust, water, oil, grease, release agent and similar contaminants).

BETASEAL™ U-418HV bonds primerless to most fritted glass. Primer is required for any encapsulation or areas where the adhesive bonds to paint or bare metal. See DuPont FGIG for detailed application instructions. Verify compatibility before use or consult our Technical Service or BETASEALarg.com for more information.

Application Equipment

Battery powered applicator 14.4V or greater.



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