

Technical Data:

Issued: July 2008
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U 786DV

Two Component General Purpose Flexible Urethane Adhesive

Product Description

U 786DV is a two-component flexible polyurethane adhesive displaying high adhesion to metals, ceramics and many sorts of plastics. This non-corrosive adhesive designed for application in electronics and in particular for PCB handling.

Features & Benefits

- Easy mix 2:1 ratio by volume
- Flexible
- Low moisture permeability
- Good hydrolytic stability
- Non corrosive
- High electrical properties

Applications

Bonding metals, woods, plastics, rubbers and masonry products. Well-suited for application in electronics, filtration and PU foams.

Typical Uncured Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Base Resins	Base (A) Hardener (B)	Polyol mixture Isocyanate
Appearance/Color	Base (A) Hardener (B)	Beige/black amber
Viscosity, mPa*s per ASTM-D-2393 @ 25°C	Base (A) Hardener (B)	18,000-25,000 40,000-60,000
Density, g/cm³ @ 25°C	Base (A) Hardener (B)	1.20 ± 0.02 1.24 ± 0.02
Mix Ratio A:B (by vol.)	2:1	
Mix Viscosity, mPa*s per ASTM-D-2393 @ 25°C	20,000-40,000	

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Typical Cured Properties**Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Physical	
Color	Beige/black
Hardness, Shore A	82-87
Open time (2-4 mm layer @ 25°C), min	30-40
Tack free (2-4 mm layer @ 25°C), hr	6-8
Final properties @ 25°C, days	>7
Lap Shear Strength , etched Al, kg/cm ²	130-150
Service Temperature	-40°C to 120°C

Storage Store products at 15-35°C for maximum shelf life.**Packaging** 2:1 50 ml Duo-Pack cartridges or 1L to 5L containers**Shelf Life** These products have a shelf life of 9 months in their unopened original bulk containers and 9 months in Duo-Pack containers.**Limitation of Liability** Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.