

**Technical Data:**

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**U 786 FC2 Black**

Two Component General Purpose Flexible Urethane Adhesive

**Product Description**

U 786FC2 Black 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
- Non corrosive

**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.

<b>Base Resins</b>	Base (A): U786 DVFC2 Black Hardener (B): UC 785/786 2:1	Polyol mixture  Isocyanate
<b>Appearance/Color</b>	Base (A) Hardener (B)	Black Light Amber
<b>Viscosity, mPa*s</b> per ASTM-D-2393 @ 25°C	Base (A) Hardener (B)	18,000-25,000 40,000-60,000
<b>Density, g/cm<sup>3</sup> @ 25°C</b>	Base (A) Hardener (B)	1.20 ± 0.02 1.24 ± 0.02
<b>Mix Ratio A:B (by vol.)</b>	2:1	

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<b>Physical</b>	
<b>Color</b>	Black
<b>Hardness, Shore A</b>	82-90
<b>Gel Time @ 25°C, 3-4 mm layer, min</b>	4-6
<b>Service Temperature</b>	-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.