

## Windshield Welder 772

### Product Description

**Hernon® Windshield Welder 772** is a single component ultraviolet curing adhesive. It is especially formulated for repair of windshields in automobiles. **Windshield Welder 772** is an ideal product to use for penetrations and long cracks where vibration is expected.

### Typical Properties (Uncured)

Property	Value
Resin	Urethane blend
Appearance	Clear liquid
Viscosity @ 25°C, cP	15 - 25
Specific gravity	1.04
Flash point	See SDS
Refractive Index	1.52

### Typical Curing Performance

#### **Adhesive Properties**

This product is cured when exposed to UV radiation of 365nm. The speed of cure will depend on the UV intensity as measured at the product surface.

#### **UV Cure Time**

Measured @ 365 nm, using medium pressure, mercury arc lamp: US 1000, at ½ inch distance: < 30 seconds

#### **Fixture Time**

Fixture time is defined as the time to develop a shear strength of 0.1 N/mm<sup>2</sup>.

Specimen	Cure Conditions	Fixture Time
Glass/Glass	US 1000, at ½ inch distance	< 30 sec

### Typical Properties (Cured)

Property	Value
Moisture Resistance	Excellent
Yellowing Resistance	Excellent
Hardness, ASTM D2240, Shore A	55-65

### Typical Cured Performance

Block- Shear Strength on different specimens  
Cured with US 1000, at ½ inch distance

Tested at RT, according to ASTM D4501

Specimen	Cure Time	Value, psi
Glass to Glass	UV-cured for 30 sec, post-cured for 24 hours at 22 °C	≥ 600
Glass to Brass	UV-cured for 30 sec, post-cured for 24 hours at 22 °C	≥ 250

### General Information

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Safety Data Sheet (SDS).**

#### **Storage**

**Windshield Welder 772** should be stored in a cool, dry location in unopened containers at a temperature between 45°F to 85°F (7°C to 29°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

#### **Dispensing Equipment**

**Hernon®** offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.

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