



Sole UK Distributors Of  
**REINHARDT-TECHNIK**  
Metering, Mixing &  
Dispensing Systems



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## Technical Data Sheet

### VITRALIT 7989

#### **PRODUCT DESCRIPTION**

Vitralit 7989 is a one part, medium viscosity adhesive which cures upon exposure to UV light. Vitralit 7989 bonds to polycarbonate, PVC, polyester and other plastics. Its toughness, adhesion and clarity make it suitable for many plastic bonding applications. Additionally, the cured products flexibility make bonds prepared from Vitralit 7989 resistant to impact and thermal cycling. Two additional viscosity grades (thixotropic and thixotropic gel) are available. Vitralit 7989 is approved to USP VI for medical disposal products such as chest drain bags, blood pressure transducers, stopcocks, surgical masks and arteriograph manifolds.

#### **UNCURED PROPERTIES**

Viscosity	3,000 - 5,000 cps at 25 <sup>0</sup> C
Resin	Urethane
Color	Clear to slight yellow
Specific Gravity	1.1 - 1.2 at 25 <sup>0</sup> C
Flash Point	93 <sup>0</sup> C

#### **CURED PROPERTIES**

Durometer	45 - 55 Shore D
Water absorption	4% (24 hours immersion at room temperature)

#### **CURING INFORMATION**

UV Intensity	35-45mW/cm <sup>2</sup>
Substrates	glass-glass
Bond Gap	0,025-0,05mm
Time	5-10 seconds

These are typical properties and are not meant to be product specifications.

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