

**Medical Device Cyanoacrylate – High Viscosity 4C40**

This medical device adhesive has been satisfactorily tested for cytotoxicity and USP Class VI. It is compatible with both ethylene oxide and gamma sterilisation.

High viscosity, instant cyanoacrylate is gel like and can fill gaps up to 0.5mm. It is applied in a thin film and bonds most metals, plastics and rubbers in seconds, including PVC. It is suitable for flexible or rigid materials and porous or non-porous surfaces.

**Typical Applications:**

- Catheter bonding
- Bonding components for breathing masks
- Tacking wires and bonding materials for electro-cardiogram pads
- Bonding connectors to tubes
- Disposable scalpels - bonding blade to handle
- Bonding sponge swabs to swab stick

**Features**

- Single part adhesive
- Cure in seconds - ideal for high-speed production
- Forms high-strength bonds - often exceeding that of the substrate material.
- Colourless and transparent for a clean, aesthetically pleasing finish.
- Can adhere to difficult-to-bond materials.

Technical Data	
Property	Data
Appearance	Colourless, transparent
Viscosity @25°C	2,000maPa.s
Specific Gravity @25°C	1.05
Flashpoint	82°C
Base Compound	Ethyl cyanoacrylate
Softening Point	150 –170 °C
Shore Hardness	D 85
Service Temperature	-62 TO + 80°C
Fixture time	15 to 60 seconds

**Substrates**

ABS, SBR, acrylic, polystyrene, polycarbonate, PVC, SAN, PBT, polysulphone.