Permabond®

ISO 9001 Certified
"Our Science ... Your Success"

130UV - The Heavyweight Shadow Bonder

Permabond 130UV is a dual-curing cyanoacrylate/UV adhesive, designed to offer the best of both of these adhesive technologies – it's a heavyweight shadow bonder with a light touch! 130UV has a low-viscosity, is solvent-free and forms strong bonds to many surfaces. It cures tack-free and is transparent, providing an aesthetically pleasing, non fluff-attracting finish.



The combination of a moisture and UV cure in this adhesive allows the positive aspects of both technologies to really shine through. Shadow bonding areas are not a concern with 130UV due to the presence of a moisture-activated cure, while its UV-curing component ensures an optically transparent, clean cure with very low blooming. It bonds well to a variety of substrates, noteworthy of which is rubber, a substrate that standalone UV adhesives typically don't bond well to.

130UV has excellent environmental resistance and is well suited to automotive applications, having passed 85/85 testing. RoHS compliant, this product has the additional benefit of a low-hazard SDS.



Permabond® 130UV Cyanoacrylate Features & Benefits

- Dual cure UV Cyanoacrylate
- Good adhesion to metals & plastics, even in combination
- Tack-free in seconds
- Low powered UV torches can be used for curing
- Reduced odour
- Reduced bloom
- Cures in a clear / transparent, thin bond line
- Good open time allowing accurate alignment
- Rapid on-demand UV cure
- Passes 85/85 testsing
- Good SDS - No solvents
- RoHS compliant





Ideal for bonding:

- ***ABS***
- ***Acrylic***
- ***Aluminium***
- ***EPDM***
- ***Mild steel***
- ***Nylon 6***
- ***Polycarbonate***
- ***PET-G***
- ***PMMA***
- ***PVC***
- ***Rubber***
- ***Stainless steel***

+ many more materials

Permabond® Engineering Adhesives

130UV Cyanoacrylate Product Data

The following technical data for Permabond 130UV Cyanoacrylate is a guideline and does not constitute a specification. For full technical information, please refer to the technical data sheet, available at www.permabond.com.

Our experienced worldwide trained distributor network means no matter where in the world you are located, Permabond representatives can be called upon to assist you with your bespoke applications.

	130UV Cyanoacrylate
Description	Dual-curing cyanoacrylate/UV adhesive - No tack, low bloom
Appearance	Yellow before cure, transparent after cure
Features	Rapid cure, bonds through opaque substrates, low hazard SDS
Approvals	RoHS Compliant
Viscosity @ 25°C	200 mPa.s
Specific gravity	1:1
Open time / pot life	Moisture cure only: Between 3 & 80 seconds depending on substrate
Service temperature	120°C
Storage temperature	2°C to 7°C
Packaging	20g tube, 1kg bottle

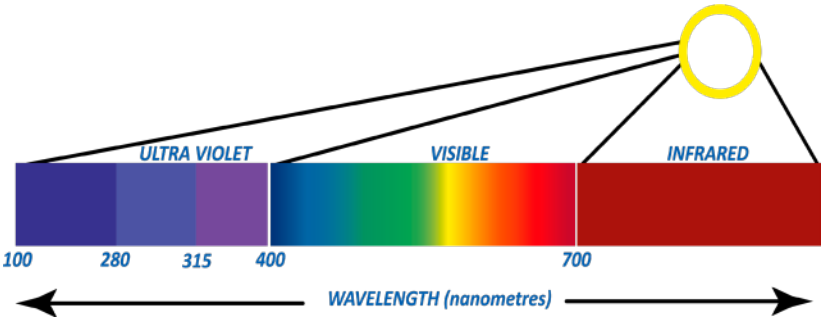
What is 85/85 testing?

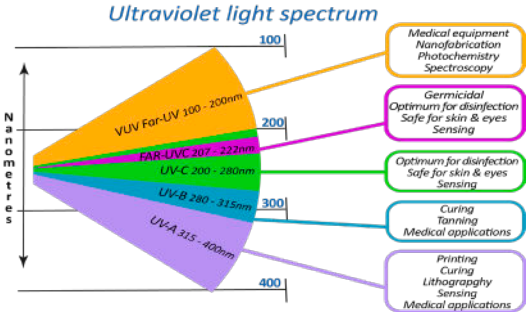
85/85 testing is the abbreviated term for relative humidity (RH) testing an item, in conditions that exceed 85°C with an RH of 85%. This "accelerated life" test is often used to assess behaviours and limitations in the designs of electrical components, HVAC systems and various applications in automotive production. If you require an IP (Ingress Protection) Rating for your electrical project, it is more likely to pass if it has had the 85/85 testing.

What is RoHS Compliance?

This is a regulation for the Restriction of Hazardous Substances to ensure that many types of electrical and electronic equipment (EEE) have controlled levels of certain hazardous chemicals, with the aim of protecting human and animal health. This compliance will have supporting documentation and a Declaration of Conformity.

Understanding UV Light:





Authorised distributor stamp:

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