

Press Release

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New plastic adhesive with multiple viscosity options

Panacol introduces a newly developed UV adhesive, which is specially formulated for bonding plastics and will be available in three different viscosities.

The appropriate viscosity can be chosen depending on the application: **Vitralit® 7311** is extremely low viscosity and thus the perfect choice for very tight bond gaps. **Vitralit® 7311 T** is a mid-range viscosity version, and **Vitralit® 7311 Gel** features high viscosity, non-flowing properties.

All three variations of **Vitralit® 7311** provide excellent adhesion to most plastics like PC, PVC and PMMA, as well as to metal and glass. **Vitralit® 7311** is transparent and non-yellowing. It is resistant to alcohols and humidity. Once cured, the adhesive will be visco-plastic. For use in medical applications **Vitralit® 7311** is currently being tested according to USP Class VI and DIN ISO 10993-4/-5 standards.

Vitralit® 7311 cures in seconds with ultraviolet or visible light. For excellent curing results high intensity LEDs at 405 nm wavelength are recommended. This wavelength also permits the bonding of UV blocked materials like polycarbonate. **Vitralit® 7311**, as an example, can be utilized for needle bonding in medical device manufacturing. Cured with a Bluepoint LED eco light source from UV manufacturer Hönle, **Vitralit® 7311** achieves high bond strength in less than a second, providing reliable and durable bonds.

Panacol-Elosol GmbH, a member of global Hoenle group, is an international supplier of adhesives with a broad product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems.