

## Press Release

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# New biocompatible adhesive for plastics fluoresces orange

**A new orange fluorescent UV adhesive from Panacol is specially formulated for bonding plastics: Vitralit® 7311 FO is certified according to USP Class VI standards which makes it the perfect solution for bonding medical devices.**

Vitralit® 7311 FO is a low viscosity, transparent acrylic adhesive that cures under UV or visible light. It offers very high bond strength to many plastics including PC, PVC, PMMA or ABS, and also to materials such as glass and stainless steel. Thanks to its very low viscosity and capillary flow characteristics, Vitralit® 7311 FO is suited for bonding large surfaces as well as applications with narrow gaps.

Under low intensity black light (365 nm wavelength), Vitralit® 7311 FO fluoresces orange. This allows in-line inspection for quality control. The bright fluorescence is highly contrasting with plastics possessing a natural blue fluorescence or color. Optimum curing results can be achieved with LED curing equipment with a wavelength of 405 nm, especially the UV-LED equipment Bluepoint LED eco from Hoenle. Bluepoint LED eco can be equipped with both wavelengths, serving both processes. Thanks to modern photo initiators Vitralit® 7311 FO can be cured – especially in high volume production – within seconds.

Once cured, Vitralit® 7311 FO is humidity and alcohol resistant. Vitralit® 7311 FO has been tested and certified according to USP Class VI standards. The product is compatible to common sterilization processes like autoclaving, gamma radiation, E-Beam or ETO and well suited for use in the assembly of disposable medical devices.

### About Panacol:

Panacol-Elosol GmbH, a member of the global Hoenle group, is an international supplier of adhesives with an extensive product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Panacol is also a reliable provider of UV processing systems, supported by Dr. Hoenle AG. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems.