

Vitralit® 4641 is a UV/VL curing acrylate adhesive with short curing time and a dry surface. It has a good adhesion to many substrates like metal, ceramics, glass and lots of plastics. 4641 is very flexible and ductile with a very good resilience.

Vitralit® 4641 is used for potting application, stress relief, coating and for "form in place gasket".

With all his abilities it is an alternative to UV- silicones.

shelf life:

in closed original packing unit at 5°C without UV- irradiation -- 6 months --

Technical Data

Color	leicht gelblich klar
Resin	acrylat

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	2000 to 3000
Flash point [°C]	PE-Norm P050	> 93
Density [g/cm³]	PE-Norm P051	approx. 1.15

Curing

UV(UV-A 45mW/cm² in 0,5mm): [sec.]	PE-Norm P002	5
Visible Light (12V/20W/ Halogen in 0,02mm) :[sec.]	PE-Norm P037	20

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-50 to 150
Hardness Shore A	PE-Norm P052	60 to 70
Water Absorption [Gew-%]	PE-Norm P053	< 1

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

Adhesives
and more...

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Instructions for Use

Surface Preparation

The surfaces to be adhered should be free of dust, oil, fat or any other dirt in order to optimise reproducible bonds. Lightly soiled surfaces can be cleaned with cleaner IP, whereas substrates with low surface energy (such as polyethylene, polypropylene or Teflon) need to be treated physically using plasma or corona to create a suitable working surface. For glass bonding applications we have developed a special primer pen which can be easily applied to prepare the surface for best results.

Application

Our products are delivered ready for use. As soon as you receive them, you can dispense them, be it by hand from the container, or semi/fully automatically. When applied automatically, we recommend the use of air pressure with the appropriate cartridge/piston combination to dispense the adhesive at the required speed and accuracy. If help is required, please consult our engineering department

Please read the corresponding **Safety Data Sheet** for this product.