

Vitralit® 4282 mod/2 is an anaerobic threadlocker / retainer with an ultraviolet light secondary cur system that permits part to be immediately and held in place. With their excellent tensile, peeling and impact strength as well as their excellent durability, the adhesives have been used in the wide variety of industries, such as electrical, electronics and automobile.

Shelf life:

Store in original, unopened containers for 6 months at max. 25°C

Technical Data

Color	light green
Resin	acrylat

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	500 to 600
Flash point [°C]	PE-Norm P050	> 100

Curing

UV(UV-A 60mW/cm²): [sec.]	PE-Norm P002	10
Anaerob [h]	PE-Norm P038	2
Chemical with Activator [Min]	PE-Norm P036	30
Full Strength [hours]	PE-Norm P032	after 12
Depth of Cure [mm]	PE-Norm P033	3

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 170
Hardness Shore D	PE-Norm P052	70 to 80
TG DSC [°C]	PE-Norm P009	40 to 60

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...

Adhesives
and more...

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.