

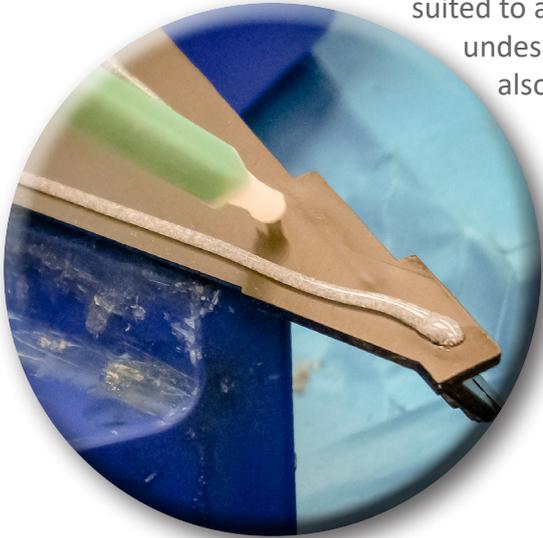
Permabond®

No odour acrylics for difficult plastics

ISO 9001 Certified

“Our Science ... Your Success”

Developed to bond untreated polyolefin surfaces, TA4630 & TA4631 have been specifically engineered to have virtually no odour. These adhesives are ideal for bonding **polypropylene and polyethylene** - without the need to carry out costly surface pre-treatment before bonding. They can also be used to bond polyolefins to a wide variety of other substrate materials. These no odour products are particularly well suited to applications in industries where strong, residual odours may be undesirable, such as automotive and structural interior bonding. They also improve worker comfort in a production environment.



Ideal for bonding:

Acetal

Aluminium

Composites

E- Coatings

EPDM

HDPE

LDPE

Polyethylene

Polypropylene

PTFE

Stainless steel

Steel

+ many more materials

Permabond® TA4630 & TA4631 Features & Benefits

- No odour
- Adhesion to a wide variety of substrates
- Full cure at room temperature
- Bonds polyolefin plastics
- No primer required
- No expensive surface preparation required
- Ideal for bonding dissimilar surfaces
- TA4631 - No spacer beads for even smaller gap fill
- TA4630 - Black: Ideal for carbon fibre based composites
- Bonds PTFE 'Teflon' with no etching
- Convenient packaging: TA4631 is available in a dual syringe so no dispensing gun required.



Permabond®
Engineering Adhesives

TA4630 & TA4631 Product data

The following technical data for Permabond TA4630 & TA4631 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.

	TA4630	TA4631
Appearance	A: Black B: Transparent Mixed: Black	A: White B: White Mixed: White
Features	No odour	No odour, smaller gap fill (no micro beads)
Viscosity @ 25°C	Mixed: 210,000 mPa.s	Mixed: 21,500 mPa.s
Mix Ratio	1:1	1:1
Fixture Time	12-18 minutes	12-18 minutes
Handling Time	40-50 minutes	40-50 minutes
Working Strength	6-8 hours	6-8 hours
Shear Strength	Polypropylene: >8 N/mm ² SF* Polyethylene: >7 N/mm ² SF*	Polypropylene: >8 N/mm ² SF* Polyethylene: >7 N/mm ² SF*
Service Temp	-55 to +100°C	-55 to +100°C
Packaging	10 x 50ml 6 x 400ml Bulk on request	15 x 25ml dual syringes / 10 x 50ml dual cartridges 6 x 400ml dual cartridges Bulk on request
Storage	5-25°C	5-25°C



No Odour!!



SF* - Substrate Failure

Authorised distributor stamp:

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The information given and the recommendations made herein are based on our experience and are believed to be accurate. No guarantee as to, or responsibility for, their accuracy can be given or accepted, however, and no statement herein is to be treated as a representation or warranty. In every case we urge and recommend that purchasers, before using any product, make their own tests to determine, to their own satisfaction, its suitability for their particular purposes under their own operating conditions. Always refer to current product technical datasheet for most recent and accurate technical information.