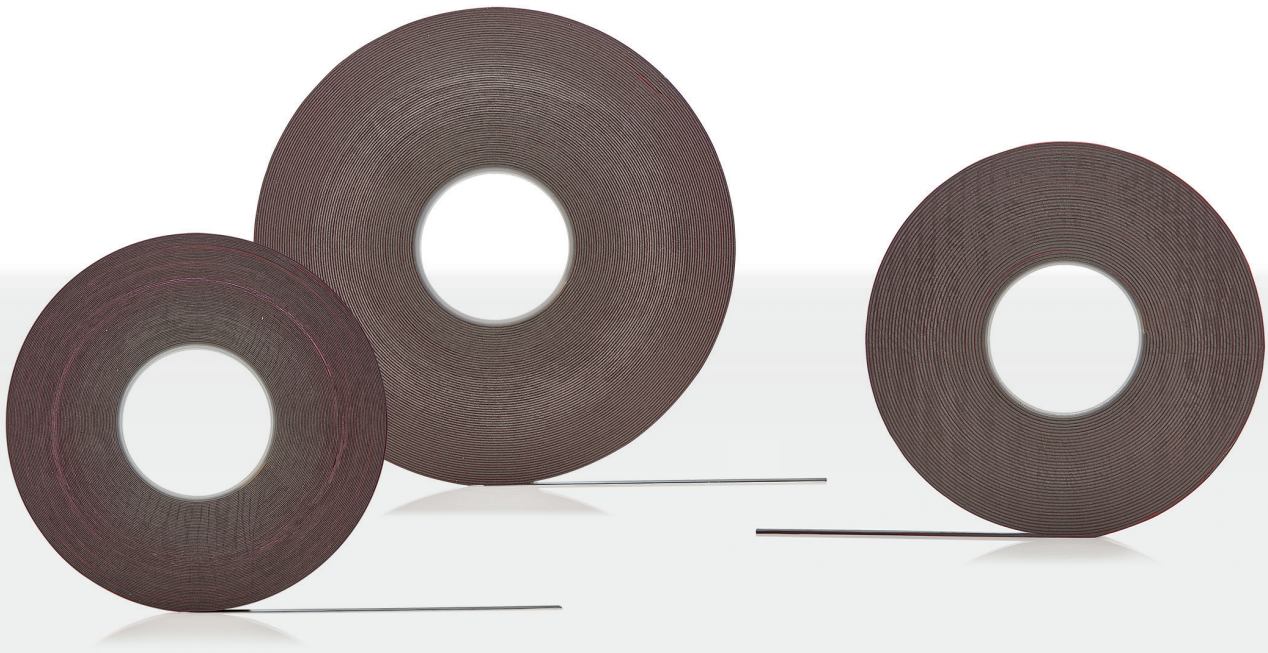


The blaugelb SuperTape ensures a **permanent connection**, even on difficult surfaces.



blaugelb SuperTape

High performance for outstanding adhesion.

- **Strong adhesive strength with high initial adhesion, immediate adhesion on most materials even without primer**
- **Suitable for low-energy surfaces, powder-coated surfaces, various plastics, PVC, coated glass, aluminium, ceramic, silicones***
- **Resistant to plasticisers, solvents, chemicals**
- **UV, temperature, water and weather-resistant**

*Carry out suitable pretests for all materials, use primer if necessary. There is major variation for plastics such as PP, PE, PTFE etc. Do not use for decorative films on a PMMA basis.

Product features:

The blaugelb SuperTape is a double-sided high-performance adhesive tape on an acrylate basis. It was developed specially for bonding on low-energy surfaces (low surface energy, LSE) such as powder-coated surfaces and various plastics, coated glass and many other surfaces that place high demands with regard to bonding.

In most cases a primer is unnecessary with the blaugelb SuperTape, but we also offer coordinated blaugelb primers for the corresponding requirements.

The blaugelb SuperTape comprises 100 % acrylate adhesive that forms an almost indestructible connection between the surfaces to be bonded. The blaugelb SuperTape can accommodate and compensate for the different thermal expansion of both materials with which it is bonded. Because the tape remains visco-elastic, it is very well suited to accommodate dynamic loads and permanently absorb tensile, shear, splitting and peeling forces. Due to its strong initial adhesion, the blaugelb SuperTape sticks immediately.

The closed cell structure provides the blaugelb SuperTape with absolute wind and watertightness. When bonding two metals, the blaugelb SuperTape serves as a barrier and prevents metal corrosion between the surfaces.

Thanks to its special properties, the blaugelb SuperTape is used for bonding wing-covering infill panels on plastic/aluminium doors, among other things.

Product benefits:

- Strong adhesive strength with high initial adhesion, immediate adhesion on most materials even without primer
- Suitable for low-energy surfaces, powder-coated surfaces, various plastics, PVC, coated glass, aluminium, ceramic, silicones*
- High peel and shear strength
- Excellent clinginess can be used on structured surfaces
- Resistant to plasticisers, solvents, chemicals
- UV, temperature, water and weather-resistant
- Permanently resistant to ageing
- Vibration and sound-damping properties
- Tear-resistant and robust
- Excellent leak-tightness, no special sealing necessary
- High impact resistance, even at temperatures below 0 °C
- Temperature-resistant from -40 °C to +90 °C, briefly up to +120 °C
- Available in the system with the coordinated blaugelb Cleaner IPA 10, blaugelb Primer 101 and blaugelb Primer 33
- Even distribution of stress

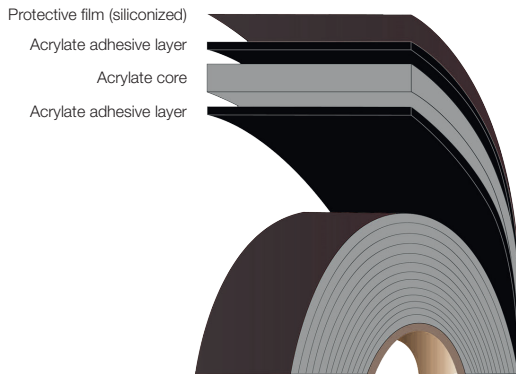
Technical data:

Product name	PU	Item no.
blaugelb SuperTape 064 black 12 mm x 33 m x 0.64 mm	5 rolls	0414730
blaugelb SuperTape 110 black 12 mm x 33 m x 1.10 mm	5 rolls	0414731
blaugelb SuperTape 150 black 12 mm x 16.5 m x 1.50 mm	5 rolls	0414732

	SuperTape 064	SuperTape 110	SuperTape 150
Thickness:	0.64 mm ± 15 %	1.10 mm ± 10 %	1.50 mm ± 10 %
Carrier material:	clingy acrylate tape		
Adhesive:	acrylate adhesive 60		
Density:	600 kg/m³		
Colour:	black		
Protective film:	siliconized PE, red		
Solvent resistance:	outstanding		
UV resistance:	outstanding		
Temperature resistance (minimum / short-term / permanent):	-40 °C / 120 °C / 90 °C		
90° peeling force:	31 N/10 mm	40 N/10 mm	41 N/10 mm
Dynamic shear force:	720 kPa	650 kPa	620 kPa
Normal breaking force:	730 kPa	650 kPa	610 kPa
Static shear force at 22 °C / 66 °C / 93 °C / 121 °C: Weight that ½ square inch can hold over 10,000 min (7 days)	1000 / 500 / 500 / 250 g		

*Carry out suitable pretests for all materials, use primer if necessary. There is major variation for plastics such as PP, PE, PTFE etc. Do not use for decorative films on a PMMA basis.

Technical data:



Processing:

In preparation for the bonding, always thoroughly clean the surface and free it from dust, grease and loose parts. Even if the surface is presumed to be clean, preliminary cleaning with the blaugelb Cleaner IPA 10 is essential for a good adhesion result. If necessary, pretreat with the blaugelb Primer 33 or blaugelb Primer 101. The use of the blaugelb Primer 33 or 101 shortens the time until the final strength is achieved from approx. 72 hours to approx. 24 hours. When bonding bare aluminium, special measures for preliminary cleaning are necessary. Please note the corresponding technical data sheets.

The handling temperature (adhesive tape, surface and surroundings) must be at least +15 °C, +22 °C is ideal.

To ensure that the surfaces are not soiled during bonding, the working environment must be free of dust and there must not be any fingerprints, oils or other impairments on the surfaces and the adhesive tape.

Before application, the suitability of the material for the intended application and for the bonding is to be verified through appropriate tests performed by the customer.

Unroll the blaugelb SuperTape and apply the bonding surface onto the dry, clean surface. The tape clings to the surface under pressure and connects with the material to be bonded. To achieve the maximum adhesion, a minimum contact pressure of 10 N/cm² along the bonding surface is therefore necessary. Pressing on should be performed with a pressure roller (hand roller or mechanical pressing device).

The tape must not be overextended and the surfaces must be bonded parallel to one another, meaning free of stress with one another, in order to guarantee permanent bonding

To bond with the second surface, pull off the red protective film and press the substrate cleaned with the blaugelb Cleaner IPA 10 and, where applicable, pretreated with the blaugelb Primer 101 or blaugelb Primer 33 against the blaugelb SuperTape. Then proceed according to the same method as described above. The contact pressure should also be at least 10 N/cm²

along the bonding surface here.

Please observe the special assembly notes for the use of the blaugelb SuperTape for the bonding of door infill panels. Decorative films on a PMMA basis are not suitable for bonding with adhesive tape.

Storage and form of delivery:

The blaugelb SuperTape is delivered in a box. Store in its original packaging and dry. Can be stored for 18 months at +4 °C to +38 °C.

Safety note:

According to the available specifications and guidelines, the product is not a hazardous substance.