





Information and installation instructions for self adhesive mounting bases

HellermannTyton use two different types of adhesive for self adhesive bases: acrylate and synthetic rubber. These differ in the operating temperature range and the 'pull off' force of the adhesive. Synthetic rubber has an excellent initial grip, allowing for almost immediate use. Acrylate adhesive has less initial grip, so there is a need to



wait for a few hours before use, but has a higher 'pull off' force than synthetic rubber. This enables a permanent fixing lasting months or even years. To use these adhesives the surface must be dry, and free of dust, oil, oxides, parting agents and other impurities. For this the use of isopropane/ water (50/50) is recommended.

After cleaning allow the surface to dry completely. Peel off the protective backing on the self adhesive base, ensuring the adhesive is not touched. Apply the part to the surface and press down firmly for several seconds.

Acrylate	
Base material	PE foam or PU foam
Temperature range	at least up to +105 °C

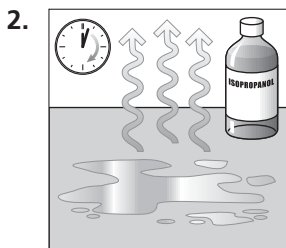
Synthetic rubber	
Base material	PE foam
Temperature range	at least -40°C to +60°C

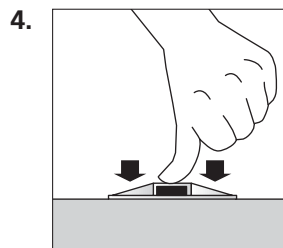


Instructions for use

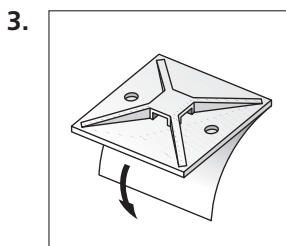
The surface must be dry, free from dust, oil, oxides, parting agents and other impurities. The surface to be glued should be cleaned using a clean cloth and isopropanol /water (50/50). When using other appropriate cleaning agents, ensure that they do not attack the surface or leave any residues.



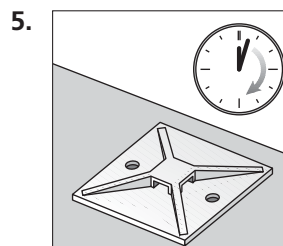
After cleaning allow the surface to dry completely.



Press down firmly on the base for several seconds.



Peel off protective backing and ensure the adhesive area is not touched.



Depending on the type of adhesive, wait for several minutes (synthetic rubber) or hours (acrylate) so that the adhesive can bond completely with the surface.

We will be happy to send you on request an up to date technical datasheet for whichever adhesive you are using.



Fixing Parts with Special Adhesive

• SolidTack-Series

Features and Benefits

Sometimes it is not possible to fix a cable with standard fixing parts and mounting bases. This is a common problem with varnished surfaces when it is not possible to drill a hole, use an edge clip or weld stud, or where methods are too time consuming and expensive. It is also problematic for surfaces such as PE or PP where a standard adhesive base does not work. For these applications a new mounting base range with special adhesive has been developed. The adhesive tape is made of an acrylate mass with a superior initial tack, achieving a strong bond on painted surfaces and plastics with a low surface energy such as PE or PP. Three different sizes of mounting base for cable ties are available. Two separate clamp sizes are also available to fix and secure flat and round cables without using a cable tie.

Application

These products work on varnished and powder coated surfaces as used in the railway, aviation or automotive industry. They can also be used on plastic covers, cases and parts as used in a variety of other industries.



SolidTack products work on varnished and powder coated surfaces.

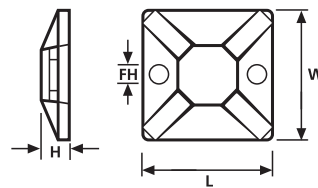
Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2 (excluding adhesive)



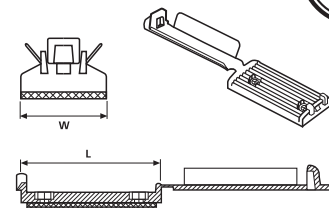
Material Data	
Material	Polyamide 6.6 High Impact Modified (PA66HIR)
Operating Temperature	-40 °C to +80 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 HB (excluding adhesive)



Acrylate	
Adhesive	mod. Acrylate
Adhesive Operating Temperature	-40 °C to +90 °C



Cable Tie Mounts MB3, MB4, MB5



Flat Ribbon Cables FKH Series

Technical Table								
Article-No.	Type	Length (L)	Width (W)	Height (H)	Fixing Hole Ø (FH)	Strap Width max. (G)	Material	Colour
MB Series								
151-00432	MB3APT	19.0	19.0	3.8	3.1	4.1	PA66	Black (BK)
151-00514	MB3APT	19.0	19.0	3.8	3.1	4.1	PA66	Natural (NA)
151-00433	MB4APT	28.0	28.0	4.7	4.0	5.4	PA66	Black (BK)
151-00587	MB4APT	28.0	28.0	4.7	4.0	5.4	PA66	Natural (NA)
151-00434	MB5APT	38.0	38.0	6.4	4.7	10.0	PA66	Black (BK)
FKH Series								
						For Cable Width max.		
151-00312	FKH50AVHB	56.5	25.0	–	3.1	50.0	PA66HIR	Black (BK)
151-00313	FKH80AVHB	86.0	25.0	–	3.1	80.0	PA66HIR	Black (BK)

All dimensions in mm. Subject to technical changes.