



Specification



Technical Data Sheet

Self-gripping Fastener

PS-A27

Construction Characteristics

Acrylic (Y) Pressure Sensitive

Base material	Acrylic based Adhesive
Colour and Odor	White / acrid
Shelf Life :	Maximum 1 (one) Year, when stored in dark area, at temperature of 10°C to 30°C.
Suggested uses :	To be used on the clean and smooth surfaces.

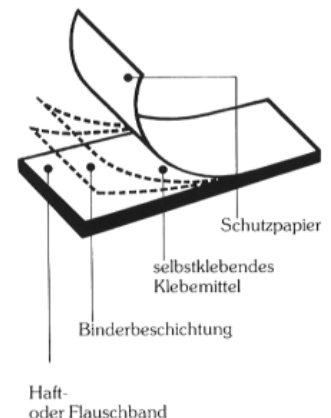
Adhesives Properties Peel Strength at 180 degree:

Curingtime 20 minutes	Minimum 10 N/cm Average 25 N/cm	Test method : FINAT ; FTM 1
Initial Tack	16.84 PIW	
Curingtime 24 hours	Minimum 20 N/cm Average 30 N/cm	Test method : FINAT ; FTM 1
Complete Cured	38.7 PIW	
Holding Power	196 hours	
Static Shear Strength	≥ 8 days	Test method : FINAT ; FTM 8
Softening Point	≥ 100°C	Test method : ASTM D-816

Tests are performed by attaching the specimens to a steel substrate for 24 hours. Holding power is a measurement of time on the failing when attached a 1"×1" specimen to a steel substrate with a weight of 1 kg. FINAT: Federation Internationale des fabricants transformateurs d'Adhesifs et Thermocolants. ASTM: American Society for Tested under laboratory conditions. (23°C ± 2 and 60 ± 10 % R.H.)

Resistance properties

Oxidation	moderate (Anti-Oxidation is added)
Plastifying, oils	poor
High relative humidity	good
Polar solvents (M.E.K. etc.)	poor
Non-polar solvents (gasoline, etc.)	moderate
Migration	moderate
High temperature	+120°C (excellent)
Low temperature	-15°C (excellent)
U.V. radiation	excellent
Temperature Range (Depending on loading and Relative Humidity)	-15°C to +120°C (excellent)
Maximum Temperature Usage	+90°C
Minimum recommended bonding temperature	+10°C (degree C)



General Directions for Use

This adhesive is not recommended to be used on the substrate with POP. Degrease the substrate with e.g. alcohol or spirit. (The substrate must be free of grease, moisture, dust, silicones, etc.). Remove the protective Pet-Film and press the tape firmly into contact with the substrate, with special attention to the edges. Preferably, allow substrate and pressure sensitive tape to stand for 24 hours after applying load.

* Internal norm

The information included in this Technical Data Sheet is based on reliable tests and trials. Given the diversity of uses of our products we advice our customers to ensure themselves that the product meets the requirements of their application. The responsibility for the application and use of the product remains with the customer.