



Specification

Technical Data Sheet

Self-gripping Fastener

PS-A69

Construction Characteristics

Hotmelt (HM) Pressure Sensitive

Base material :	Rubber based Adhesive
Colour :	Very light transparent yellow
Shelf Life :	Minimum 1 (one) Year, when stored in dark area, at temperature of 10°C to 30°C.
Suggested uses :	On most clean and smooth surfaces. (Except any kind of plastifying)

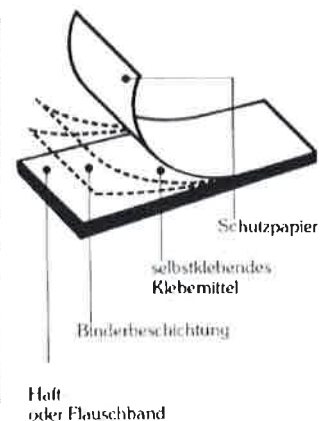
Adhesives Properties Peel Strength at 180 degree:

Curingtime 20 minutes	Minimum 10 N/cm Average 25 N/cm	Test method : FINAT ; FTM 1
Initial Tack	31.4 PIW	
Curingtime 24 hours	Minimum 20 N/cm Average 30 N/cm	Test method : FINAT ; FTM 1
Complete Cured	41.5 PIW	
Holding Power	124 hours	
Static Shear Strength	≥ 7 days	Test method : FINAT ; FTM 8
Softening Point	≥ 93°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	moderate
Polar solvents (M.E.K. etc.)	poor
Non-polar solvents (gasoline, etc.)	Suitable
Migration	poor
High temperature	+60°C
Low temperature	-5°C
U.V. radiation	poor
Temperature Range (Depending on loading and Relative Humidity)	-5°C to +60°C
Minimum recommended bonding temperature	+10°C (degree C)



General Directions for Use

This adhesive is recommended to be used on the substrate like PP and PE plastic material, injected material and steel plates. To use on PVC material and EVA foam is not recommended. 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.



Specification

Innovative
Products

Technical Data Sheet

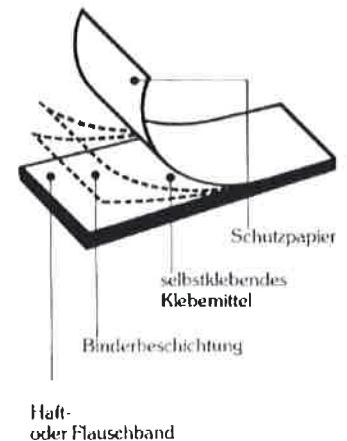
PS-A69 Hotmelt Adhesive

Pressure Sensitive PS-A69

Base material:	Rubber based Adhesive
Color:	Very light transparent yellow
Usage:	To be used on the clean and smooth surfaces
Shelf Life:	one year

Adhesive Properties:

Peeling Strength at	180 degree:
Initial Tack:	31.4 PIW
Complete Cured:	41.5 PIW
Holding Power:	124 hours
Softening Point:	93 degree C



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 1kg.

Resistance Properties

Oxidation:	moderate (Anti-Oxidation is added)
Plastifying, oils:	poor
High relative humidity:	moderate
Solvent:	poor
High temperature:	60 degree C
Low temperature:	-5~0 degree C
U.V radiation:	poor
Temperature Range:	-5~60 degree C

General Information:

This adhesive is recommended to be used on the substrate like, PP and PE plastic material, injected material and steel plates. To use on PVC material and EVA foam is not recommended.

All statements contained herein are for information only and not contractual. For orders and specific information, please contact FASTECH AG.

The information included in this Technical Sheet is based on reliable tests and trials. The average values correspond to the averages to the previous year to the edition of this document. Given the diversity of uses of our products we advise our customers to assure themselves that the product meets the requirements of their application. The responsibility for the application and use of the product remains with the customer.

FT TDS-PS-A27, Rev.: A, April. 21, 2009