

Herkules 5030

Film Tape with Acrylic Adhesive

Created: 2010-12-28
Updated: 2018-01-04

GENERAL INFORMATION

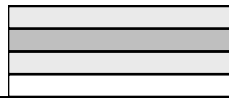
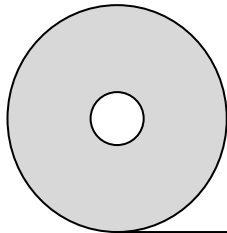
Herkules 5030 is a double sided tape with a PET-film carrier coated with an acrylic adhesive with a good initial adhesion.

- 0,16mm thick
- Acrylic adhesive
- Temperature resistant up to 120°C
- Great holding power and weatherability

Herkules 5030 can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 15mm x 50m
- 25mm x 50m
- 50mm x 50m

CONSTRUCTION



- Solvent free acrylic adhesive
- PET-film carrier
- Solvent free acrylic adhesive
- Yellow paper liner

APPLICATIONS

Herkules 5030 is used for many different applications in various industries and is applicable in applications requiring permanent and strong bonding.

- Adhering and fixing molding and window decorations
- Self-adhesive mounting of decorative and packaging materials
- Other permanent bonding applications
- Bonding of foils, fabrics, paper and plastic materials

USER GUIDELINES

To obtain optimal adhesion the surfaces must be clean and dry. Most frequent cleaning solvent is isopropyl/water (50:50 mixture) alcohol. Use safety instructions before using cleaners. Sometimes depending on surface a primer can be used to obtain a higher bonding force. Ideal temperature for tape application is between 21°C and 38°C.

PRODUCT DATA

Physical Data:

Adhesive:	Acrylic
Carrier:	PET-film
Thickness:	Carrier: 0,012mm Total: 0,16mm
Liner:	Yellow siliconised paper
Colour:	Transparent
Shelf life*:	24 months
Storage:	Good storage conditions are in room temperature. Not recommended for direct exposure to sunlight or ultraviolet light.

* From date of dispatch by ATC Tape Converting AB

Performance Data*:

180° peel adhesion: (PSTC-1)	14,64-22,46 N/25mm
Initial tack: (PSTC-6 #14ball)	>15 cm
Holding power: (PSTC-7)	> 24 hours (1kg/25mm ²)
Holding power for temp. resistance 60°C: (PSTC-7)	> 24 hours (0,5kg/25mm ²)
Shear Adhesion: (ASTM D1002)	>16 kgf/cm ²
Tensile strength: (ASTM D1000)	2,2-2,6 kgf/cm
Elongation at break: (ASTM D1000)	30-35%
Heat resistance:	-30°C to +120°C

* Test environment for data above: Lab temperature +23 ± 5°C and humidity 55 ± 10% RH.

CONTACT INFORMATION

ATC Adhesive Tape Converting AB
Veddestavägen 17, Box 575
175 26 Järfälla, SWEDEN

Telephone: +46 (0)8-564 708 80
Fax: +46 (0)8-564 708 89

E-mail: info@atc.se
Web: www.atc.se



Intertek Intertek