

Herkules 6020

Transfer Tape with Acrylic Adhesive

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GENERAL INFORMATION

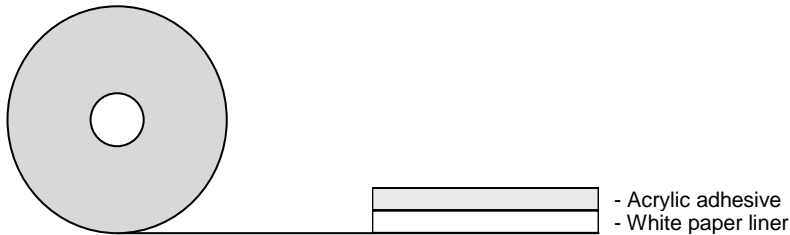
Herkules 6020 is a thin double sided tape that consists only of a thin layer of halogen-free acrylic adhesive. It bonds well on most materials and has excellent heat resistance.

- 0,135mm thick
- Acrylic adhesive
- Temperature resistant up to 195°C
- Approved to UL 969

Herkules 6020 can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 12mm x 50m
- 25mm x 50m
- 50mm x 50m

CONSTRUCTION



APPLICATIONS

Herkules 6020 is used in many types of applications. It is suitable for both indoor and outdoor applications and adheres well on most materials and surfaces, such as metals, fabrics, rubber, and plastics. The good ageing resistance, high temperature resistance, and resistance to softeners and chemicals make the tape suitable in a wide range of industries. Typical applications are:

- Laminating nameplates, membrane switches
- Computer and electrical components
- EMI/RFI shielding materials and Flexible Printed Circuit (FPC)
- Laminating foams
- Insulation materials, battery labels and panels

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.

All values above are average values and are not to be specific. To be sure about finished result we recommend that you do testing and use the product to determinate the function of the tape for your application. ATC Adhesive Tape Converting AB does NOT take any responsibility or liability direct or consequential for any loss or damage caused by using our product.

PRODUCT DATA

Physical Data:

Adhesive:	Acrylic
Carrier:	-
Thickness:	0,135mm
Liner:	White paper
Colour:	Transparent
Shelf life*:	2 years
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:

Holding power: (A/B side) (PSTC-1)	48 hrs, 1kg/25mm ²
Holding Power for Temp. resist.195°C:	24 hrs, 1kg/25mm ²
Adhesion: (A/B side) (PSTC-)	24,40-32,21 N/25mm
Adhesion:	>1500 g/25mm
Initial Tack: (A/B side) (PSTC-6#14 ball)	20 cm
Adhesion:	>1 500 g/25mm
Shear strength:	0,25 kg cm ³
Heat resistance:	Up to +195°C
Melting point:	+250°C
Acid resistant:	Yes
Alkali resistant:	Yes
Solvent resistant:	Yes
Ageing resistance:	Good

CONTACT INFORMATION

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