

Herkules 3599

Removable Double Sided Tape

Created: 2007-03-22
Updated: 2018-01-04

GENERAL INFORMATION

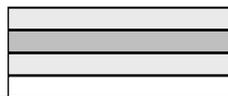
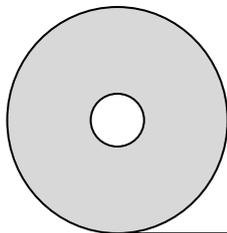
Herkules 3599 is a double sided tape with differentiated adhesives. One side is coated with a permanent rubber adhesive and the second side is coated with a removable acrylic adhesive.

- 0,08mm thick
- Acrylic and rubber adhesive
- Temperature resistant up to 55°C
- Permanent adhesive for mounting
- Removable adhesive lasts up to 1 year

Herkules 3599 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



- Permanent rubber adhesive
- PET-film carrier
- Removable acrylic adhesive
- White paper liner

APPLICATIONS

Herkules 3599 is used for many different applications in various industries and is applicable in applications requiring both a strong permanent bond and a removable side. The removable adhesive lasts up to 1 year after application to surface. The tape is however not suitable for nitro cellulose lacquered surfaces.

- Removable protection
- Packaging solutions
- Cards and signs
- Foam bonding

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 and rubber
Carrier:	PET-film
Thickness:	Carrier: 0,012mm Total: 0,080mm
Liner:	White 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*:

Tensile strength:	1,5 kN/m	
Elongation:	60%	
180° peel adhesion:	Acrylic (24 hours)	Rubber (20 min)
Stainless steel	140 N/m	1050 N/m
Painted steel	165 N/m	900 N/m
Polycarbonate	260 N/m	1040 N/m
Tack:	Acrylic: 120 N/m Rubber: 1260 N/m	
Shear strength: (Static 1000g/25mm x 25mm)	Acrylic: 833 min Rubber: 666 min	
Heat resistance:	-30°C to +55°C (short term +70 °C)	

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