

# Herkules 3100B

## Black PE-Foam Tape with Acrylic Adhesive

Created: 2007-03-20  
Updated: 2011-09-14

### GENERAL INFORMATION

---

Herkules 3100B is a black double sided tape with a cross-linked polyethylene carrier coated with an acrylic adhesive. It has a high tack and bonds well on most surfaces and materials.

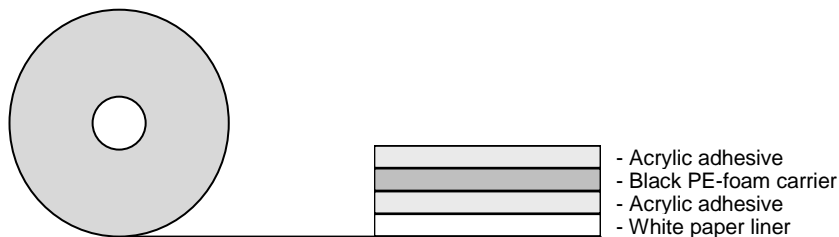
- 1,00mm thick
- Acrylic adhesive
- Temperature resistant up to 100°C
- Good age resistance

Herkules 3100B can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 19mm x 33m
- 25mm x 33m
- 50mm x 33m

### CONSTRUCTION

---



### APPLICATIONS

---

Herkules 3100B bonds well on most surfaces and materials and has a good initial adhesion, which makes it suitable for applications in various industries and applications requiring permanent and strong bonding. It is suitable for both indoor and outdoor applications, for example

- Bonding plastics and metals
- Interior list and parts
- Emblems, nameplates and signs
- Advertising
- Other permanent bonding applications

### 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:	Cross-linked polyethylene foam (PE-foam)
Thickness:	1,00mm
Liner:	Yellow siliconised paper
Colour:	Black
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:

Tensile strength	2,0 kg/10mm
Peel adhesion: (After 30 minutes)	2,0 kg/25mm
Shear adhesion: (After 30 minutes)	5,5 kg/10mm <sup>2</sup>
Holding power:	0,5 mm
Elongation	300 %
Heat resistance:	Up to +100°C
Age resistance:	Good

## 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](mailto:info@atc.se)

Web: [www.atc.se](http://www.atc.se)

