

# Herkules 3405

## Black PE-Foam Tape with Acrylic Adhesive

Created: 2007-03-20  
Updated: 2018-01-04

### GENERAL INFORMATION

---

Herkules 3405 is a black double sided tape with a cross-linked polyethylene carrier coated with an acrylic adhesive. It has a strong adhesive strength, holding power, weather ability, and good sealing properties.

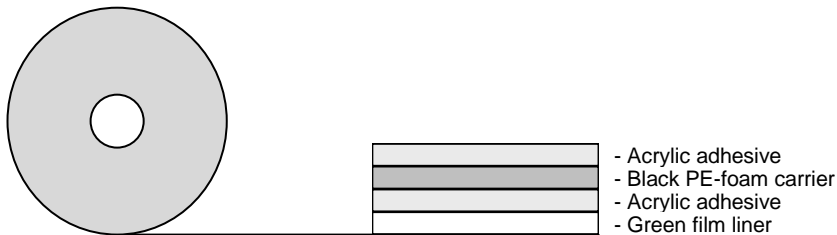
- 1,00mm thick
- Acrylic adhesive
- Temperature resistant up to 90°C
- Good conformity for curved surfaces

Herkules 3405 can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 15mm x 50m
- 19mm x 50m
- 25mm x 50m
- 50mm x 50m

### CONSTRUCTION

---



### APPLICATIONS

---

Herkules 3405 bonds well on most surfaces and materials and has a strong 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:

- Adhering car exterior parts such as decorative strips, tail wing, wheel arc, brake light
- Adhering car interior parts
- Emblems, nameplates and signs
- 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.

## PRODUCT DATA

---

### Physical Data:

|              |   |
|--------------|---|
| Adhesive:    | Acrylic   |
| Carrier:     | Cross-linked polyethylene foam (PE-foam)<br>96kg/m <sup>3</sup> |
| Thickness:   | 1,00mm  |
| Liner:       | Green siliconised paper   |
| Colour:      | Black   |
| Shelf life*: | 2 years   |
| Storage:     | Good storage conditions are in room temperature.                |

\* From date of dispatch by ATC Tape Converting AB

### Performance Data:

|  |                                |
|--|--------------------------------|
| Holding power:<br>A/B side (PSTC-1)        | 24 hrs 1kg/25mm <sup>2</sup>   |
| Holding power for temp<br>resistance 60°C: | 24 hrs 0,5kg/25mm <sup>2</sup> |
| Adhesion:<br>A/B side (PSTC-)              | 19,52-24,40 N/25mm             |
| Adhesion:<br>304 Stainless steel           | >2 000 g/25mm                  |
| Initial tack:<br>A/B side (PSTC-6#14 ball) | 5,0 cm                         |
| Heat resistance:                           | Up to +90°C                    |
| Solvent resistance:                        | Good                           |
| UV-resistance:                             | Good                           |
| 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)



**Intertek Intertek**