

# Herkules 3405

## Black PE-Foam Tape with Acrylic Adhesive

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

### GENERAL INFORMATION

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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.

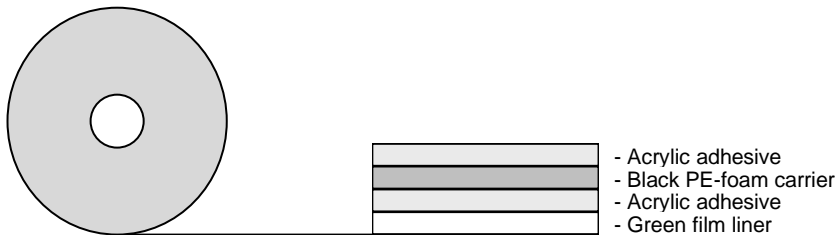
- 1,00mm thick
- Acrylic adhesive
- Temperature resistant up to 90°C
- Good conformity for curved surfaces

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

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### APPLICATIONS

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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

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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

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### Physical Data:

Adhesive:	Acrylic
Carrier:	Cross-linked polyethylene foam (PE-foam) 64kg/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: A/B side (PSTC-1)	24 hrs 1kg/25mm <sup>2</sup>
Holding power for temp resistance 60°C:	24 hrs 0,5kg/25mm <sup>2</sup>
Adhesion: A/B side (PSTC-)	19,52-24,40 N/25mm
Adhesion: 304 Stainless steel	>2 000 g/25mm
Initial tack: 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

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