

# Jupiter 7032

## Self-interlocking Mushroom Fastener with Acrylic Adhesive

Created: 2010-12-22  
Updated: 2018-01-04

### GENERAL INFORMATION

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Jupiter 7032 is a unique fastener system for multipurpose use based on two identical components with mushroom shaped stems. It is very durable and can be opened and closed unlimited amount of times.

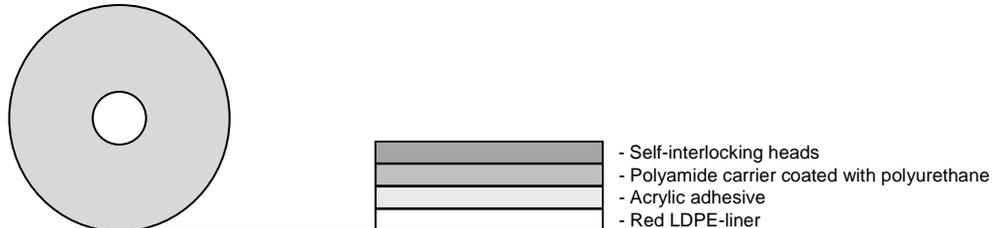
- 6,10mm thick (engaged)
- Acrylic adhesive
- Temperature resistant up to 160°C
- Quick, easy and cost effective assembly

Jupiter 7032 is available in the following dimensions, but can also be cut according to customer requirements:

- 25mm x 25m
- (other dimensions available upon request)

### CONSTRUCTION

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### APPLICATIONS

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Jupiter 7032 is suitable for indoor and outdoor applications and adheres well on most surfaces, e.g. metals, wood, stone, ceramics, glass, painted surfaces, plastics such as PVC, ABS, PP. It meets several requirements and norms within the automotive industry regarding flammability and is used in a wide range of applications and industries, for example;

- Automotive industry
- Building constructions
- Furniture and sign production
- Plastic industry

### 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 . To obtain the optimal adhesive strength the tape should dwell for at least 30 minutes, but preferably 2 hours, before adding load on the velcro tape.

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

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### Physical Data:

|              |  |
|--------------|--|
| Adhesive:    | Acrylic  |
| Material:    | Polypropylene (for mushroom heads)   |
| Carrier:     | Polyamide coated with polyurethane   |
| Thickness:   | Open: 3,90mm<br>Engaged: 6,10mm  |
| Liner:       | Red LDPE liner   |
| Colour:      | Black  |
| Heads:       | 42 pcs/cm <sup>2</sup>   |
| Weight:      | 55g/m (25mm width)   |
| 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:

|  |   |
|--|---|
| Peeling strength:<br>(on stainless steel, DIN 16864) | 17 N/cm <sup>**</sup>   |
| Shear strength:<br>(on stainless steel, DIN 16864)   | 43 N/cm <sup>2**</sup>  |
| Heat resistance:                                     | -30°C to +160°C (short term)  |
| Softening point:                                     | +150°C  |
| Suitability with:                                    |   |
| Plasticizer  | ● ● ● ● ●   |
| Solvent  | ● ● ● ●   |
| Moisture   | ● ● ● ●   |
| Low surface energy                                   | ●   |
| High surface energy                                  | ● ● ●   |
| Tensile engagement:                                  | 25 (±7) N/cm <sup>2</sup>   |
| Tensile disengagement:<br>(CEN TC 248/WG5 N 30)      | 35 (±7) N/cm <sup>2</sup>   |
| Flammability:  | In accordance with<br>DBL 5307.10                      UTAC ST 18-502<br>VW-TL 1010                      FMVSS 302<br>Ford SKM-3G 9512-A          FAR 25 853 b3<br>Volvo STD 5031,1 |

\*\* Refers to tests conducted with Jupiter 7032 at room temperature

## CONTACT INFORMATION

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