

# PRESSURE SENSITIVE ADHESIVE -Y- Mushroom

## Multipurpose

### Description

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- This pressure sensitive adhesive (PSA) -Y- is recommended when high immediate tack is needed. It resists creep at high temperature and UV.

### General recommendations

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- Multi-purpose pressure sensitive adhesive (PSA) –Y- tapes should always be applied at temperature above 20°C.
- Make sure the substrate is smooth, clean and is free of oil and dust.
- Clean the surface with solvent (alcohol, MEK) and allow to dry before applying tape.
- Remove the release paper, and apply the tape with firm roller pressure (do not touch the adhesive during this operation).
- Allow at least 8 hours before disengaging. This is particularly recommended when the closure displays a very high peel strength
- Best performances will be obtained after 24 hours.
- We recommend the use of a wider pressure sensitive adhesive tape when combined with a non adhesive tape.

### Results according to the type of substrate

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- This multi-purpose pressure sensitive adhesive –Y- is designed for attachments to polypropylene, polyethylene, polyester (smooth or textile appearance) as well as on glass and metals.
- Our experience shows that this pressure sensitive adhesive generally reacts well with PVC even with plasticizers. However, a test is always recommended.

## Performances

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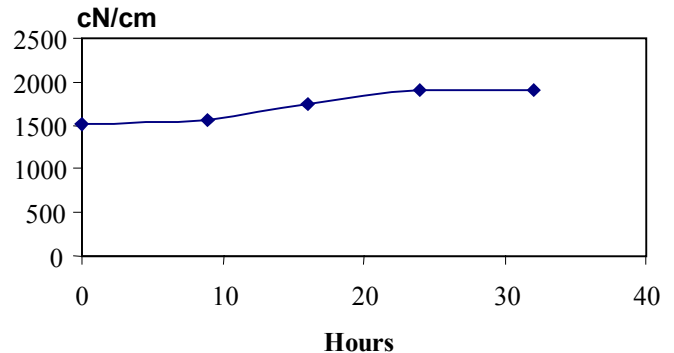
- **Tack**

Tack is generally defined as the immediate gripping power.

This multi-purpose pressure sensitive adhesive –Y- has a high initial tack but increases as much as 40% after 24 hours at room temperature.

### *Tack in cN/cm*

A t<sub>0</sub>      00h00 : 1505 cN/cm  
              + 09h00 : 1565 cN/cm  
              + 16h00 : 1735 cN/cm  
              + 24h00 : 1912 cN/cm  
              + 32h00 : 1912 cN/cm



Test performed on stainless steel at 22°C, 65% HR.

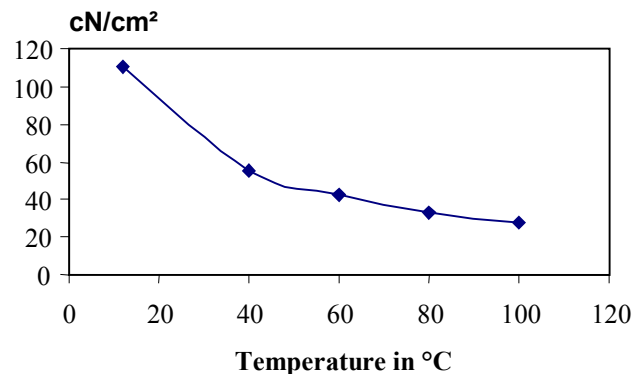
- **Creep resistance**

Creep resistance is defined as the capacity of the pressure sensitive adhesive to remain in position while under load.

This multi-purpose pressure sensitive adhesive –Y- remains in position while under load at a temperature up to 100°C.

### *Creep < 2mm, cN/cm<sup>2</sup>*

12°C : 110 cN/cm<sup>2</sup>  
40°C : 55 cN/cm<sup>2</sup>  
60°C : 43 cN/cm<sup>2</sup>  
80°C : 33 cN/cm<sup>2</sup>  
100°C : 28 cN/cm<sup>2</sup>



Test performed on stainless steel at 22°C, 65% HR.

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