

PRESSURE SENSITIVE ADHESIVE -L- High temperature

Description

- This pressure sensitive adhesive (PSA) –L- is designed to for high temperature applications.
- It meets automotive requirements.

General recommendations

- High temperature PSA –L- 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 the 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

- This high temperature pressure sensitive adhesive (PSA) –L- performs best on smooth substrates.
- Our experience shows that this pressure sensitive adhesive (PSA) –L- generally reacts well on PVC even with plasticizers. However a test is always recommended.

Certifications

High temperature pressure sensitive adhesive –L- complies with the following automotive specifications:

- GENERAL MOTORS 11-45
- FORD ESBM 11 P25A
- PSA STL

Performances

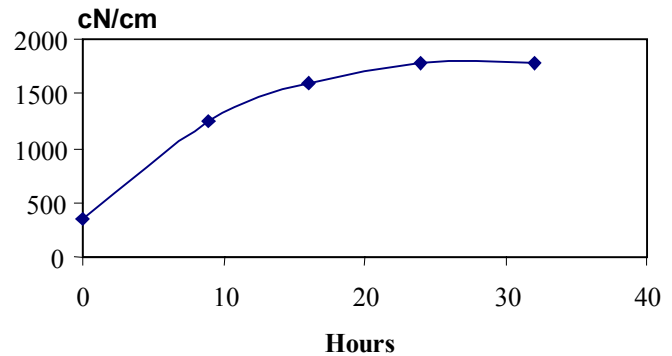
- **Tack**

Tack is generally defined as the immediate gripping power.

This high temperature pressure sensitive adhesive –L- has a low initial tack which increases as much as 400% after 24 hours at room temperature.

Tack in cN/cm

t_0	00h00 : 357 cN/cm
	+ 09h00 : 1250 cN/cm
	+ 16h00 : 1600 cN/cm
	+ 24h00 : 1785 cN/cm
	+ 32h00 : 1785 cN/cm



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

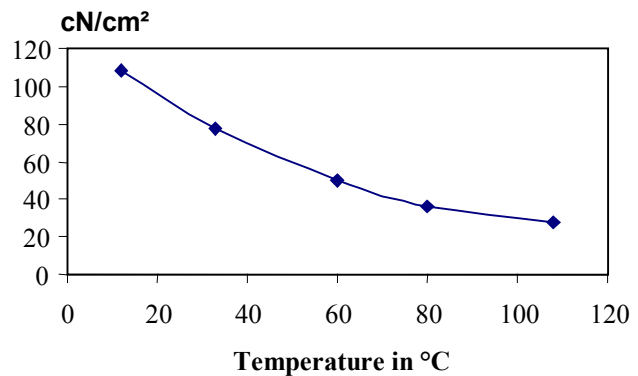
- **Creep resistance**

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

This high temperature PSA –L- remains in position while under load at a temperature up to 108°C.

Creep < 2mm, cN/cm²:

12°C	: 108 cN/cm ²
33°C	: 77 cN/cm ²
60°C	: 50 cN/cm ²
80°C	: 36 cN/cm ²
108°C	: 28 cN/cm ²



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