

Mastic sealant tape data sheet

Code # VC099

Description: VC099 is a sealant tape for composites manufacturing and vacuum bagging applications formulated to outperform all products in the same category. With aggressive initial tack, it maintains an air-tight seal during the cure cycle, yet strip off clean from the tool, with minimal trace of residue. It exhibits excellent sealing and release characteristics to composite and metal tools. Besides, it maintains the adhesion to various films and all tool surfaces, even at low temperature cycles and it is ideal for oven and autoclave cure, and cure cycles from room temperature to 210°C.

Properties	Unit	Value
Color		Yellow
Width	mm	10
Thickness	mm	3
Service temperature		Room temperature to 210° C
Application Temperature	°C	5 - 50
Probe Tack Test	N	4 (ASTM D 2979)
Loop Tack Test		Loop Tack Test (ASTM D 6195)
Hardness shore A		23 index (ASTM 2240)

Removal: Peel off the used sealant tape below 60°C (to protect the manufactured part from becoming warped.) The tape can be stripped out of the cooled tool without leaving a residue on metal and composite surfaces. To remove possible small residue easy, a small ball of used sealant tape can be pressed on the tool, and immediately pulled out, away from the surface (to take the residue with it.) To remove from very rough or fuzzy surface you may also use alcohol.

Storage: The tapes must be stored flat, sealed or protected in a clean, dry place. Small amounts of dust, fuzz or any other particles can greatly affect the reliability of the seal. If stored at a temperature between +5°C and +25°C the sealant tape products remain in very good condition for a very long time or at least for 12 months. Also, they are not affected by frost.

Safety: This sealant material is not hazardous when used by skilled personnel and for vacuum sealing purposes. Handle the siliconated peel off paper carefully as it is possible to cut oneself under certain angle and speed (paper cut). Keep out of reach of children.

Classification for transport: Not Applicable.

Inflammability classification: M1 (UNE 23727:1990 - UNE 23721:1990)

Reaction to fire: E (EN 11925 - 2; EN 13501 - 1)

For further safety information refer to the Safety Data Sheet.

