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Data Sheet

TOOLTEC® A007

Reinforced PTFE coated fibreglass with silicone adhesive

DESCRIPTION

Tooltec® A007 pressure sensitive tape is designed to adhere to tool surfaces providing semi-permanent release and a reconditioned surface. It can be used on all types of molds, press platens, caul sheets or any surface that comes in contact with resins or adhesives. Release agents are not required on the mould surface thereby reducing cost and parts contamination. Tooltec® A007 is a reinforced mould surface reconditioning tape providing a semi-permanent release for flat tools. This product comes standard with a silicone pressure adhesive, but can also be supplied with an acrylic adhesive by special order.

BENEFITS

- Tooltec® A007 provides permanent release saving time spent cleaning tooling and reapplying release agents.
- Tools can be used to recondition worn or damaged tools for extended service, avoiding cost of remanufacture.
- Improve tool surface finish and aid resin flow for better part surface finish and reduced hand finishing.

TECHNICAL DATA

Maximum use temperature	260°C
Carrier type	PTFE/ Glass
Adhesive type	Silicone
Colour	Light brown
Total thickness	175 µm (0,007 inch)
Film thickness	125 µm (0,005 inch)
Adhesive thickness	50 µm (0,002 inch)
Shelf life	18 months from date of shipment when stored in original packaging at 22°C

COMMONLY USED SIZES

Width	Length
2,54 cm (1 inch)	33 m (36 yards)
91 cm (36 inches)	16,5 m (18 yards)
122 cm (48 inches)	16,5 m (18 yards)

- Other sizes available on special order.



NOTES

- Tooltec® A007 should be applied by carefully lifting the edge of the backing, then applying the adhesive side to the mould surface. The remainder of backing should then be carefully removed while pressing the Tooltec® A007 onto the mould surface with an Airsweep or other straight edge. A vacuum bag can then be applied to remove any residual air. A cure cycle under vacuum will provide the best results.
- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

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Catalogue position : Pressure sensitive tapes

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