

Data Sheet

TOOLTEC® A012

Reinforced PTFE coated fibreglass with silicone adhesive

DESCRIPTION

Tooltec® A012 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 moulds, 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. This product comes standard with a silicone pressure adhesive, but can also be supplied with an acrylic adhesive by special order.

BENEFITS

- Tooltec® A012 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.
- Tooltec® A012 is a thicker more hard wearing version for longer life in more demanding applications.

TECHNICAL DATA

Maximum use temperature	260°C
Carrier type	PTFE/ Glass
Adhesive type	Silicone
Colour	Light brown
Total thickness	304 µm (0,012 inch)
Film thickness	254 µm (0,010 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 SIZE

Width	Length
91 cm (36 inches)	16,5 m (18 yards)

- Other sizes available on special order.



NOTES

- Tooltec® A012 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® A012 onto the mold 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.