

Data Sheet

TEFLEASE MG2

High temperature PTFE pressure sensitive tape

DESCRIPTION

Teflease MG2 is a PTFE film coated with a silicone adhesive. Teflease MG tapes will release from most resin systems. They are ideal for use on tooling blocks and all areas where high elongation and release is needed. Teflease MG tapes will form to critical contours and mold surfaces while offering multiple releases or may be used to cover multiple detail mold seams. They provide a semi-permanent release on cured Airpad tooling rubber and Aircast 3700 pressure intensifiers and mandrels.

BENEFITS

- Provides semi-permanent release and superior surface finish, saving time and improving quality.
- Protect rubber tooling mandrels and intensifiers from resin attack, extending tool life and reducing cost.
- Good elongation makes application to complex shapes easier, reducing time and improving quality.

TECHNICAL DATA

Maximum use temperature	500°F (260°C)
Carrier type	PTFE
Adhesive type	Silicone
Color	Light brown
Total thickness	0.0035 inch (88 µm)
Film thickness	0.002 inch (50 µm)
Adhesive thickness	0.0015 inch (38 µm)
Elongation at break	125 %
Shelf life	18 months from date of shipment when stored in original packaging at 72°F (22°C)

COMMONLY USED SIZES

Width	Length	Packaging
1 inch (2.54 cm)	36 yards (33 m)	60 rolls per case
2 inches (5.08 cm)	36 yards (33 m)	30 rolls per case

- Broken cases and other widths available on special order.
- Other thickness available:
MG3 - 0.0045 inch (115 µm) total thickness
MG5 - 0.0065 inch (165 µm) total thickness



NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.

Last updated : 2019-10-07

Catalog position : [Pressure sensitive tapes](#)