

Data Sheet

TEFLEASE MG2, MG2A & MG2R

High temperature PTFE pressure sensitive tape

DESCRIPTION

Teflease MG2 is a PTFE film coated with an 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 mould surfaces while offering multiple releases or may be used to cover multiple detail mould seams. They provide a semi-permanent release on cured Airpad tooling rubber and Aircast 3700 pressure intensifiers and mandrels. Teflease MG2 is coated with a silicone adhesive, Teflease MG2A is coated with acrylic adhesive & Teflease MG2R is coated with a rubber adhesive for use where silicone adhesives are prohibited to reduce contamination risk.

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

	Teflease MG2	Teflease MG2A	Teflease MG2R
Maximum use temperature	260°C (500°F)	204°C (400°F)	204°C (400°F)
Carrier type	PTFE	PTFE	PTFE
Adhesive type	Silicone	Acrylic	Rubber
Elongation at break	125%	125%	125%
Colour	Light brown	Light brown	Light brown
Total thickness	88 µm (0.0035 inch)	80 µm (0.0032 inch)	88 µm (0.0035 inch)
Film thickness	50 µm (0.002 inch)	50 µm (0.002 inch)	50 µm (0.002 inch)
Adhesive thickness	38 µm (0.0015 inch)	30 µm (0.0012 inch)	38 µm (0.0015 inch)
Shelf life	18 months from date of shipment when stored in original packaging at 22°C (72°F)		

SIZES

Teflease MG2	Teflease MG2A	Teflease MG2R
2.54 cm - 33 m (1"-36 yards) 60 rolls/case	2.54 cm - 33 m (1"-36 yards) 60 rolls/case	2.54 cm - 33 m (1"-36 yards) 36 rolls/case
5.08 cm - 33 m (2"-36 yards) 30 rolls/case	5.08 cm - 33 m (2"-36 yards) 30 rolls/case	5.08 cm - 33 m (2"-36 yards) 24 rolls/case

- Broken cases and other widths available on special order.

SUSTAINABILITY



NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Other thickness available:
MG3 - 115 µm (0.0045 inch) total thickness
MG5 & MG5A - 165 µm (0.0065 inch) total thickness
- Teflease MG2 Orange – high visibility version available – see separate TDS