

DATA SHEET

TOOLWRIGHT 5

Extruded fluoropolymer pressure sensitive film for semi-permanent mold release applications

■ DESCRIPTION

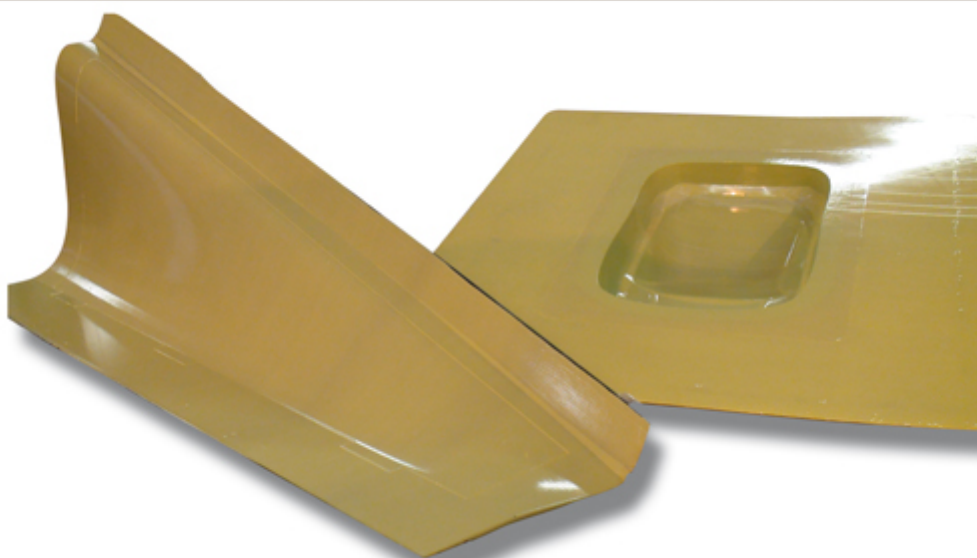
Toolwright 5 is an extruded fluoropolymer film coated with silicone pressure sensitive adhesive. The yellow color is highly visible on most substrates in addition to offering high elongation and tensile strength.

Benefits:

- Provides excellent release from all common resin systems for multiple releases.
- Good adhesion to metal, composite, tooling block and rubber tooling.
- High elongation allows for easier covering of complex contour surfaces.
- Tougher than skived PTFE.
- Tougher film is more tear resistant and so easier to stretch over complex shapes without damage.
- Glossy surface is harder than PTFE materials avoiding fabric imprints which can transfer to molded parts.

■ TECHNICAL DATA

Material type	Extruded fluoropolymer
Adhesive type	Silicone
Total thickness	125 µm
Film thickness	100 µm
Adhesive thickness	25 µm
Adhesion to steel	3.3 N/cm-width
Elongation	350 %
Maximum use temperature	260 °C
Colour	Light Yellow
Shelf life	12 months
Storage conditions	22 °C



Last updated : 2013-02-28

Catalogue position : [Pressure sensitive tapes](#)

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■ SIZES

Width	Length
122 cm	16 m

■ NOTES

- ~ Maximum recommended use temperature is dependent upon duration at maximum temperature and is process specific.
- ~ Other widths available.

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