



3M™ Specialty Tape Solutions

3M™ PTFE Film Tape 5490

3M™ PTFE Film Tape 5490 uses an extruded polytetrafluoroethylene (PTFE) film backing. This tape offers an extremely low coefficient of friction which, in combination with a pressure sensitive silicone adhesive, creates a smooth, non-stick surface over a variety of substrates to assist in the movement of materials in many types of applications.

Key Characteristics

- Slippery, low energy surface for smoother material movement
- High temperature resistance
- Chemical resistant
- Conformable
- Protects surfaces
- Non-stick backing

Use For

- Wrapping web rollers to reduce friction
- Covering web former edges to minimize friction during folding
- Noise reduction of parts where surfaces rub together
- Increasing wear life of parts
- Providing excellent mold release in composite bonding



Technical Parameters

Adhesive	Silicone
Backing	PTFE
Backing Thickness	2.0 mils (0.05mm)
Total Thickness	3.7 mils (0.09mm)
Temperature Use Range	-65°F to 500°F (-54°C to 260°C)

Specialty Six

Bringing better ideas to the surface with a wide variety of tape solutions.

3M™ Specialty Tape Solutions meeting application challenges for appliances, aerospace, automotive, construction, MRO, electronics, commercial transport, marine and more.

	3M™ Aluminum Foil Tape 425		3M™ Polyester Tape 850
	3M™ Vinyl Tape 471		3M™ PTFE Film Tape 5490
	3M™ Glass Cloth Tape 361		3M™ UHMW-PE Tape 5423

For more information, call **1-800-362-3550** or visit **3M.com/IATD**



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