



Slick Surface Glass Cloth
15D462



Slick Surface Film Tape
15D221



Silicone-Free Slick Surface Film
15D237

PTFE & Silicone Slick Surface Tape

- Silicon adhesive, except 2DEF1 is rubber adhesive

PTFE (polytetrafluoroethylene) tape provides a smooth anti-stick surface to reduce friction between moving parts. It withstands high temperatures for covering heated machinery and equipment. It is resistant to chemicals and provides clean-adhesive removal and cleanup of substances such as ink.

Glass Cloth Tape—This tape provides the most heat and abrasion resistance of all PTFE film tape. Reinforced glass cloth backing withstands tears, punctures, and high heat. It is used in applications such as heat sealing and ironing equipment, and on high-contact parts such as conveyor rollers and belts.

Film Tape—Film tape provides higher chemical resistance than glass cloth, and removes cleanly after applied.

Silicone-Free Film Tape—Used for composite bonding and painting applications where non-silicone tape is preferred.

Imperial Tape Width	Tape Thickness	Environment	Temperature Range	Series	Brand	Imperial Tape Length	
						5 yd Item No.	36 yd Item No.
PTFE Slick Surface Glass Cloth Tape							
Brown							
¾"	7 mil	Indoor/Outdoor	Up to 500°F	134-5	Tapecase	—	15D462
1"	3.2 mil	Indoor/Outdoor	-100° to 400°F	5451	3M	15C448	15C903
	6 mil	Indoor/Outdoor	-100° to 400°F	5453	3M	15C455	15C904
2"	3.2 mil	Indoor/Outdoor	-100° to 400°F	5451	3M	15C449	15C958
	6 mil	Indoor/Outdoor	-100° to 400°F	5453	3M	15C456	15C959
Tan							
1"	5 mil	Indoor/Outdoor	Up to 500°F	134-3	Tapecase	15C709	15D352
	7 mil	Indoor/Outdoor	Up to 500°F	134-5	Tapecase	15C718	15D353
1½"	5 mil	Indoor/Outdoor	Up to 500°F	134-3	Tapecase	15C715	15D385
	7 mil	Indoor/Outdoor	Up to 500°F	134-5	Tapecase	15C726	15D386
2"	5 mil	Indoor/Outdoor	Up to 500°F	134-3	Tapecase	15C714	15D417
	7 mil	Indoor/Outdoor	Up to 500°F	134-5	Tapecase	15C723	15D418
	12 mil	Indoor/Outdoor	Up to 500°F	134-10	Tapecase	15C733	15D416
3"	5 mil	Indoor/Outdoor	Up to 500°F	134-3	Tapecase	15C716	15D450
	7 mil	Indoor/Outdoor	Up to 500°F	134-5	Tapecase	15C724	15D451
6"	12 mil	Indoor/Outdoor	Up to 500°F	134-10	Tapecase	15C730	—
PTFE Slick Surface Film Tape							
Brown							
1"	3.7 mil	Indoor Only	-65° to 500°F	5490	3M	—	1VJ76
2"	3.7 mil	Indoor Only	-65° to 500°F	5490	3M	—	1VJ77
Gray							
½"	3.7 mil	Indoor/Outdoor	-65° to 400°F	5490	3M	15D215	15D221
¾"	3.7 mil	Indoor/Outdoor	-65° to 400°F	5490	3M	15D219	15D223
1"	3.7 mil	Indoor/Outdoor	-65° to 400°F	5480	3M	15D203	15C905
2"	6.8 mil	Indoor/Outdoor	-65° to 400°F	5481	3M	15D211	15C961
3"	3.7 mil	Indoor/Outdoor	-65° to 400°F	5490	3M	15D220	15D224
Silicone-Free PTFE Slick Surface Film Tape							
Brown							
2"	4 mil	Indoor Only	40° to 300°F	5498	3M	—	2DEF1
Tan							
2"	4 mil	Indoor/Outdoor	40° to 300°F	5498	3M	15D237	15C963



15C971



15D269

Preservation Sealing Tape

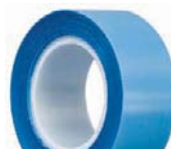
- Tape thickness: 9.5 mil
- Polyethylene film backing
- Rubber adhesive
- Indoor and outdoor use

Continuous rolls of tape are often used to seal heavy sheeting or tarp to protect and preserve material and equipment for transportation and storage in marine, military, and industrial applications.

Imperial Tape WxL	Temperature Range	Series	Item No.
Black			
2 in x 5 yd	Up to 170°F	481	15C971
2 in x 36 yd	Up to 170°F	481	54EN32
3 in x 5 yd	Up to 170°F	481	15D054
White			
3 in x 36 yd	Up to 160°F	4811	54EN77
6 in x 5 yd	Up to 170°F	4811	15D269



PE Film Tape
15D189



PO Film Tape
15D581



UHMW Slick Surface Film Tape

- 5-yd. length

UHMW (ultra-high molecular weight) slick surface film tape is used to limit squeaking, rattling, and vibrations produced in applications with heavy moving parts or materials. This tape has a liner for die-cutting uniform shapes to fit specific applications and is used in aerospace, automotive, printing, and general maintenance and repair industries.

PE Slick Surface—The polyethylene (PE) backing is resistant to abrasions and chemicals. It provides clean adhesive removal and cleanup when using substances such as ink. It is used on conveyor guard rails, chutes, plates, and belts.

PO Slick Surface—The polyolefin (PO) backing is resistant to abrasions. It is used on conveyor guide rails and chutes that require a more durable surface, such as glass bottling processing. This tape can also be used on drawers to create friction-free movement.

Imperial Tape Width	Tape Thickness	Environment	Temperature Range	Series	Brand	Item No.
UHMW PE Slick Surface Film Tape						
Transparent						
2"	11.7 mil	Indoor Only	-30° to 225°F	5423	3M	15D182
	5 mil	Indoor/Outdoor	-30° to 225°F	5425	3M	15D189
3"	5 mil	Indoor/Outdoor	-30° to 225°F	5425	3M	15D191
	6.7 mil	Indoor Only	-30° to 225°F	5421	3M	15D178
6"	11.7 mil	Indoor Only	-30° to 225°F	5423	3M	15D185
UHMW PO Slick Surface Film Tape						
Tan						
2"	11.5 mil	Indoor/Outdoor	-40° to 225°F	2302-10	Tapecase	15D581
Transparent						
1"	21.5 mil	Indoor/Outdoor	-40° to 225°F	2302-20	Tapecase	15D583



General Purpose
15C772



UV-Resistant
15C704



Abrasion-Resistant
45K144



Surface Protection Film Tape

- Indoor and outdoor

These continuous rolls of translucent film tape temporarily protect surfaces. This tape has a mild adhesive and removes cleanly after use.

General Purpose—Protects glass, wood, metal, and plastic surfaces from scuffs, scrapes, and paint exposure.

UV-Resistant—Protects glass, metal, and painted surfaces that are exposed to sunlight.

Abrasion-Resistant—For applications that need a stronger tape to withstand punctures, tearing and erosion. It has a polyester liner to assist in applying the tape to surfaces for temporary protection.

Imperial Tape WxL	Tape Thickness	Tape Backing Material	Tape Adhesive Material	Temperature Range	Series	Brand	Item No.
General Purpose Surface Protection Film Tape							
White							
2 in x 36 yd	9 mil	Polyethylene Film	Silicone	30° to 160°F	S134	Tapecase	15C772
3 in x 36 yd	9 mil	Polyethylene Film	Silicone	30° to 160°F	S134	Tapecase	15C773
UV-Resistant Surface Protection Film Tape							
Transparent							
4 in x 200 yd	2 mil	Polyethylene Film	Acrylic	Not Rated	UV-PRO	Tapecase	15C704
6 in x 200 yd	2 mil	Polyethylene Film	Acrylic	Not Rated	UV-PRO	Tapecase	15C705
12 in x 200 yd	2 mil	Polyethylene Film	Acrylic	Not Rated	UV-PRO	Tapecase	15C706
Abrasion-Resistant Surface Protection Film Tape							
Transparent							
1 ½ in x 5 yd	14 mil	Polyurethane Film	Acrylic	40° to 275°F	8561	3M	45K150
2 in x 5 yd	14 mil	Polyurethane Film	Acrylic	40° to 275°F	8561	3M	45K144
3 in x 5 yd	14 mil	Polyurethane Film	Acrylic	40° to 275°F	8561	3M	45K145