

PTFE & Silicone Rubber Coated Tapes

Taconic offers a line of tapes with a variety of backing materials that are coated with silicone or acrylic adhesive. Most tapes are available with or without a liner to meet your specific application requirements.

Tape Backings

- **Premium Grade PTFE Fiberglass**
For the most demanding nonstick applications that require the highest PTFE-to-substrate ratio in their class.
- **Standard Grade PTFE Fiberglass**
For most adhesive applications where a smooth surface with excellent nonstick properties is required.
- **Glass Cloth**
Superior cut-through and excellent flexibility. Available with adhesive coated on one or two sides.
- **Skived PTFE Film**
Effective in high dielectric/high temperature masking applications. High elongation makes these tapes excel in applications where conformability is important.
- **High Modulus PTFE**
Oriented PTFE film - high wear properties and low elongation.
- **UHMW Film**
Ultra High Molecular Weight Polyolefin - outwears PTFE 5-to-1 in mechanical applications below 190 °F / 90 °C.
- **FEP Film**
Fluorinated Ethylene Propylene - optical clarity for see-through wire harness identification as well as exceptional conformability, U.V. resistance, and dielectric properties.

Specialty Tapes

- **PTFE Fiberglass Roll Covering**
Provides nonstick protection of rolls and drying cylinders from sticky residue during material processing.
- **PTFE Fiberglass Zone Tapes**
Ideal as a barrier between hot surfaces and sealing materials (for use with L-sealer bars and vacuum sealers).
- **PTFE Fiberglass Thermal Spray Tapes**
Provides abrasion and temperature resistance for masking in metal/ceramic plasma spraying, flame spraying, HVOF (High Velocity Oxygen Fuel) spraying and grit blasting.

Features

- Optimal Release
- Low Friction
- Dimensional Stability
- Abrasion Resistance

Applications

- Packaging
- Aerospace
- Food Processing
- Apparel
- Thermal Spray
- Electrical Insulation
- Composite Molding
- Lamination
- Paper
- PVC Welding
- Plastic Bag Manufacturing



PTFE & Silicone Rubber Coated Tape Typical Values

We offer Tape in several grades to cost effectively meet your application requirements

Decription	Part Number	Total Product Thickness (inches)	Adhesive Thickness (inches)	Adhesive Type	Adhesive Strength (Typical) (oz./inch)	Operating Temp Min/Max °F	Max Widths (inches)
Premium Grade	6095-03	0.005	0.002	Silicone	40	-100/500	38
	6095-05	0.007	0.002	Silicone	50	-100/500	42
	6095-06	0.008	0.002	Silicone	50	-100/500	42
	6095-06-TW-GRN	0.008	0.002	Silicone	55	-100/500	46
	6095-06-TW-GHT	0.008	0.002	Silicone	55	-100/500	42
	6095-10	0.012	0.002	Silicone	60	-100/500	38
	6A1100	0.007	0.002	Silicone	45	-100/500	38
	6093-03	0.005	0.002	Acrylic	45	-40/350	42
	6093-05	0.007	0.002	Acrylic	65	-40/350	42
	6093-06	0.008	0.002	Acrylic	65	-40/350	42
6093-10	0.012	0.002	Acrylic	110	-40/350	42	
Standard Grade Tape	6085-03	0.005	0.002	Silicone	40	-100/500	38
	6085-05	0.007	0.002	Silicone	45	-100/500	42
	6085-06	0.008	0.002	Silicone	50	-100/500	42
	6085-10	0.012	0.003	Silicone	55	-100/500	38
	6085-14	0.0017	0.003	Silicone	55	-100/500	38
	6083-03	0.005	0.002	Acrylic	50	-40/350	42
	6083-05	0.007	0.002	Acrylic	72	-40/350	42
	6083-06	0.008	0.002	Acrylic	90	-40/350	42
	6083-10	0.011	0.002	Acrylic	95	-40/350	42
	6083-14	0.016	0.002	Acrylic	90	-40/350	42
Roll Covering	6005-06	0.008	0.002	Silicone	50	-100/500	38
Glass Cloth Tape	6603-07	0.007	0.002	Acrylic	35	-40/350	42
	6605-07D	0.007	0.002	Silicone	35	-100/500	42
	6605-07HT	0.007	0.002	Silicone	30	-100/500	42
	6615-07	0.007	0.003	Silicone	45	-100/500	38
	6605-10	0.009	0.004	Silicone	30	-100/500	42
	6615-10-D	0.011	0.004	Silicone	40/25	-100/500	38
Thermal Spray Masking Tapes	6605-07HP	0.007	0.002	Silicone	40	-100/500	42
	6615-07	0.007	0.003	Silicone	45	-100/500	38
	6615-12	0.012	0.007	Silicone	45	-100/500	38
	6625-07	0.007	0.003	Silicone	70	-100/500	34
	6625-09	0.009	0.004	Silicone	50	-100/500	34
	6625-11	0.011	0.004	Silicone	50	-100/500	34
	6525-08	0.011	0.003	Silicone	50	-100/500	38
	6525-08 RD	0.011	0.003	Silicone	40	-100/625	41
	6525-16	0.021	0.003	Silicone	48	-100/500	38
	6725-15	0.015	0.006	Silicone	50	-100/500	38
Skived PTFE Film Tape	6115-03	0.005	0.002	Silicone	35	-100/500	38
	6115-05	0.007	0.002	Silicone	40	-100/500	38
	6115-10	0.012	0.002	Silicone	45	-100/500	38
	6113-03	0.005	0.002	Acrylic	45	-40/350	38
	6113-05	0.007	0.002	Acrylic	70	-40/350	38
6113-10	0.012	0.002	Acrylic	70	-40/350	38	
High Modulus PTFE Film Tape	6445-02	0.004	0.002	Silicone	25	-100/500	21
	6445-03	0.005	0.002	Silicone	30	-100/500	21
	6445-05	0.008	0.003	Silicone	35	-100/500	18
UHMW Film Tape	6311-05	0.007	0.002	Acrylic	50	-40/190	18
	6311-10	0.012	0.002	Acrylic	70	-40/190	18
FEP Film Tape	6145-02D	0.004	0.002	Silicone	30	-100/500	24
Zone Tape	6500-03	0.010	0.003	Synthetic Rubber	75	-40/300	4
	6500-05	0.012	0.003	Synthetic Rubber	80	-40/300	4
	6500-06	0.013	0.003	Synthetic Rubber	80	-40/300	4

Tape Nomenclature: 6ABC-XX

Part number description:

- '6'-Adhesive Tape
- 'AB'-Substrate/Reinforcement
- 'C'-3 Acrylic PSA/5 Silicone PSA
- 'XX'-Substrate Thickness (mils)

Substrate/Reinforcement:

AB	Substrate / Reinforcement
11	Skive Film
31	UHMW Film
44	Oriented PTFE Film
14	FEP Film
60	Glass Substrate - 1 Side PSA
61	Glass Substrate - 2 Side PSA
07	Mechanical Grade PTFE Coated Glass
08	Standard Grade PTFE Coated Glass
09	Premium Grade PTFE Coated Glass
03	Black PTFE Glass
52	LSR Coated Glass
62	Foil / Glass
72	Foil Tape / Glass Tape - Multiple Ply
82	Foil Tape / LSR Tape - Multiple Ply

Example: 6525-08

- '6'- Adhesive tape
- '52'- LSR Coated
- '5' - 5 Silicone PSA
- '08' - 8mil Substrate Thickness



Certificate Number 3083QM5001

The data herein are averages based on the authoritative testing of several lot numbers. This information is intended for comparison purposes only.

Rev. 2/26



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