

PVC Welding

The manufacture of vinyl extrusions into frames for windows and doors requires a durable nonstick material for the welding process. PTFE tape, fabric, or fabricated sleeves, cover the heated plates which allow heat to form the joint weld while preventing hot PVC from sticking.

Taconic's PTFE fabric and tape are chemically inert, temperature and abrasion resistant, and provide superior release. This allows the operator to melt the angled edges of the PVC profile and press them together to form a clean weld in a window or door frame.

Taconic offers a variety of product grades, material compositions and customized fabric pieces which encourage easy changeover and increased usable life. These products will endure extreme abrasion and high temperatures while reducing cut-through and punctures.

Taconic's full range of PTFE coated tape and fabric solutions maximize window and door production through reduced changeover and machine downtime.

Fabric/Tape Features:

- Increased wear, abrasion, cut-through and puncture resistance
- High temperature resistance 500 °F (260 °C)
- Superior release properties
- Easy cleaning

Benefits:

- Higher quality weld
- Cost-effective production
- Increased efficiency
- Less downtime
- High heat and wear resistance



Product Data

Product Grade	Product Type	Product Number	Overall Thickness (in)	Adhesive Thickness (in)	Coated Weight (lbs/sq yd)	Tensile Strength Warp/Fill (lbs/in)	Tear Strength Warp/Fill (lbs)	Adhesive Strength (oz/in)	Operating Temp Min/Max °F
Good	Tape	6085-05	0.007	0.002	N/A	-	-	45	-100 / 500
	Fabric	7058	0.0045	N/A	0.44	175 / 155	6.25 / 6.25	N/A	-100 / 500
Better	Tape	6095-06	0.008	0.002	N/A	-	-	50	-100 / 500
	Fabric	7069	0.006	N/A	0.6	165 / 150	6.25 / 6.25	N/A	-100 / 500
Best	Tape	6095-06-TW-GHT	0.008	0.002	N/A	-	-	55	-100 / 500
	Fabric	7069-TW-GRN	0.006	N/A	0.6	175 / 150	6.0 / 5.75	N/A	-100 / 500

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

Premium Grade (Best) Products: Overall cost savings through improved efficiency.

► 6095-06-TW-GHT

Taconic's 6095-06-TW-GHT Premium Grade tapes are suited for demanding nonstick applications that require a high temperature resistant adhesive and the highest PTFE-to-substrate ratio in their class.

► 7069-TW-GRN

Taconic's 7069-TW-GRN Premium Grade PTFE-Glass Fabric offers optimum release and durability in harsh environments. Highest PTFE-to-substrate ratio.

Benefits of Choosing Premium Grade (Best)

- Less machine downtime (more windows/doors per week)
- + Reduced tape and fabric consumption
- + Less cleanup
- = Overall cost savings through improved efficiency.



Through innovative company initiatives, we're helping our customers 'Find a Better Way...' including applying our pre-existing coating expertise, and manufacturing infrastructure, to your specific woven substrate needs. We can design and coat your bespoke solutions up to 4000mm wide.

Our North American Sales Team is ready to serve your needs. Please visit our website www.4taconic.com for more information.



**OVER 60
YEARS of
innovation**

Lester T. Russell, the acknowledged inventor of the process for applying PTFE to fiberglass fabric, founded Taconic in 1961.

The company produces advanced engineered composite materials for use in diverse markets. Taconic is dedicated to quality, innovation and environmental safety.

Our talented R & D, engineering and multi-lingual sales support network assures success in solving our customers' application challenges around the globe.

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www.4taconic.com

TACONIC
Finding a better way.