

TACONIC[®]

Industrial Products Division

Performance products for the COMPOSITE Industry

As a Market Leader in the manufacture of High Temperature materials, Taconic has developed a series of **superior PTFE Coated fiberglass Fabrics and Tapes** to act as a **cost-effective release** surface for the following processes:

- Hand lay-up
- Resin Transfer Moulding
- Heated Panels Press
- Autoclave/Vacuum bag
- Open/closed Mould Composites

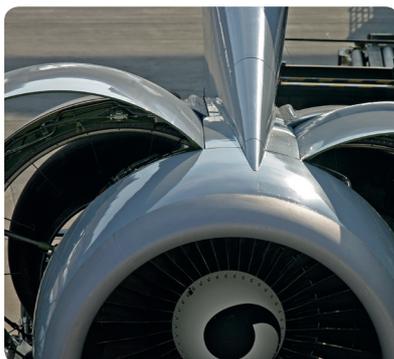
Our non-hazardous **Fabrics and Tapes** can replace other manually applied chemical release agents that are labour intensive to use and must be replaced before each lay-up. Properties of PTFE coated glass fiber:

- Lowest coefficient of friction
- Non-stick Surface
- Flexible, conformable
- Dimensional stability
- Chemical resistance
- High dielectric strength
- Temperature resistance (-73°C to +260°C)
- Low electric losses

TACONIC has developed the Product Range **TACWIND**, specifically designed to act as a release liner, used in the **Resin Infusion Process of WIND BLADE** manufacture.

The Special Compound and new adhesive bring the following improvements:

- Outstanding abrasion resistance
- Smoother surface
- Faster Heat transmission
- Easier removal
- Cleaner surface and easier cleaning
- Multicycle use



Aero Industry



Boats & Yachting



Racing Cars



TACONIC®

Industrial Products Division

Industries and components using our product range:

- **RENEWABLE ENERGY:** Wind Blade, PV Solar Panel
- **AUTOMOTIVE:** Body and chassis components, Electric engine batteries
- **MARINE:** Boat hulls and deck
- **AEROSPACE:** Aircraft body and internal components, rotors, engine covers, helicopter blades
- **RAILWAYS** • **CONSTRUCTION** • **CIVIL INFRASTRUCTURE REPAIRING**
- **SPORT & RECREATIONAL Equipment** • **MILITARY, BALLISTICS PROTECTIONS**

Typical Products & Characteristics

Product	Thickness (mm)	Weight g/m2	# cycles	Application
7025 Porous	0,059	70	1	Peel Ply
5038	0,070	135	1	
5058	0,115	240	Multi	

Product	Substrate Thickness (mm)	Substrate Weight g/m2	Adhesive Type & Thickness (mm)	# cycles	Application
A5058	0,115	240	Silicone 0,050	Peel Ply	Vacuum & Mould Release
TacWind Brown	0,143	315	Silicone 0,060	10	
TacWind Red	0,143	315	Silicone 0,060	15	
TacWind Silver	0,145	325	Silicone 0,060	40	
A02SKSW	0,050	110	Silicone 0,030	Multi	

Please note that information in above tables is based on our general experiences and is given in good faith. We are unable to accept responsibility in respect of factors which are outside of our knowledge or control. Information regarding #cycles is intended for comparison purposes only.

Founded in 1961 by Lester T. Russell, the acknowledged inventor of PTFE coated glass fabric, Taconic continues to be the industry leader for over 50 years. We continue to combine new innovative products with top quality service to ensure our customers get the right product, on-time, at a competitive price, to ensure best value and quality in the market.

Our European Sales Team is ready to serve your needs. Simply visit our website
www.taconic-ipd.com for more information.

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