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PRODUCT INFORMATION

TFL-C Series Teflon Laminate w/ High Temp Silicone Adhesive

PRODUCT DESCRIPTION

The TFL-C Series is a fiberglass fabric impregnated with PTFE (Teflon®) dispersion, laminated to a PTFE (Teflon®) film and coated with high temperature, pressure sensitive silicone adhesive.

APPLICATION INFORMATION

Our Ultra Premium Grade PTFE (Teflon®) tapes demonstrate superior dielectric strength and resistance to wear, tear, cut through, breaking and flow under heat and pressure. PTFE (Teflon®) is non-tracking in an electric discharge and will not support combustion. Dielectric strength changes little over a wide range of frequencies and relative humidities. PTFE resin is one of the most chemically inert materials available and has a low coefficient of friction. Few substances will stick to its surface.

These tapes are used in **heating sealing** and **element covers**, lamination release covers, **backing release surfaces for impulse wire sealing**, **L-Bar sealing**, **shrink wrapping**, blister packing, **plastic bag manufacturing**, dry can roll covers, **chute-bed-bin-oven liners**, commutator covers, spacers, slot liners, **splicing**, field and armature winding, cable and conductor wrapping, **tool & mold release**, flash breaker tape, harness wrap.

TYPICAL PROPERTIES

	TFL-C4	TFL-C6	TFL-C10
Total thickness	.0063	.0079	.0114
Backing thickness (in.)	.0043	.0059	.00094
Breaking Strength (lb./in.)	70	120	120
Adhesion, oz./in.	45	50	55
Elongation %	<5		
Operating Temp	-100 to 500°F		
Color	Copper		

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.
Teflon® is a registered trademark of DuPont.