

# DeWAL® Skived PTFE Tapes

DeWAL® skived PTFE tapes are manufactured from proprietary PTFE film and coated with high performance adhesives. Manufactured to meet the most challenging requirements, these tapes are chemically inert, contaminant-free, and provide exceptionally high temperature and arc resistance.

#### PTFE with silicone adhesive:

- DW101T
- DW204/204HD series
- DW244HD series
- DW246-5
- DW552
- DW664
- DWFST

#### PTFE with acrylic adhesive:

- DW215/215HD series
- DW245-5
- DW716-2HD

Rogers is dedicated to being your premiere film and tape supplier. By partnering with a network of distributors, the product portfolio of premier DeWAL Pressure-Sensitive tapes is available worldwide, with multiple products made to stock.

#### Rely on Rogers

Rogers is committed to staying informed of pertinent supply and regulatory developments to provide our customers with an informed choice of solutions that best fits their unique interests and requirements.



#### Why Choose DeWAL Tapes?



##### TIGHT TOLERANCES & CALENDERING

Precision skiving and exclusive tensilizing capabilities produce dimensionally stable tapes with superior mechanical properties as found in the HD (high density) series.



##### EXTREME TEMPERATURE RESISTANCE

Exceptional resistance and maintained performance from high temperature exposure up to 260°C (500°F) continuously to provide insulative properties in applications.



##### SUPERIOR ADHESION

DeWAL® PTFE tapes are coated with high temperature adhesives offered in silicone and acrylic options to ensure high-quality adhesion yet are clearly removable after use.



##### STRENGTH & DURABILITY

Tapes are resistant to high abrasion and low friction, promoting extremely low wear and extended life in many applications.



##### RELIABLE PERFORMANCE

With the PTFE film backing's natural flame and temperature resistance, the tapes provide remarkable insulative properties in demanding electrical applications.

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## Popular Applications for DeWAL® PTFE Tapes:

- Aircraft maintenance
- Composite mold release for aerospace markets
- Coil wraps, separators, transformers, slot liners, and wire harness wrapping for electrical markets
- Down-hole cable splicing
- Heat bar & heat-sealing elements
- Lead tabs for pouch cells
- Mask and flash protection in electronics
- Mechanical non-stick surfaces
- Nip roller wrap protection for flat die extrusion of polyethylene coating and laminations
- Paper, textile and food processing
- Sealing solutions
- Tool protection and release surfaces

## DeWAL Tape Processes:

Tapes that are *tensilized* result in dimensionally-stable products with increased tensile and dielectric strength and a reduction in their elongation properties. The DeWAL DW204HD, DW215HD, DW FST, DW662, DW664, and DW716-2HD tape series are tensilized, offering these superior properties.

Since PTFE is naturally non-stick, DeWAL tapes are *chemically-etched with sodium naphthalene on the adhesive side prior to coating the adhesive*. DeWAL DW244-2HD, DW245-5, and DW245-6 are etched on both sides to provide better self-adhesion when overlapped.

DeWAL Part Number	Color	Backing Film Thickness (mils)	Specification & Certification
DW101T	Brown	2	UL510 File No. E179854
DW204 Series	Brown	3,5,10	UL510 File No. E179854, Mil A-A 59474 T1C2, T1C4
DW204HD Series	Brown	2,3,5	UL510A File No. E179854, Mil A-A 59474 T1C1, T1C2, T1C4
DW215 Series	Brown	3,5,10	
DW215HD Series	Brown	2	
DW244-2HD	Brown	2	UL510A File No. E179854, Mil A-A 59474 T2C1
DW245-5	Brown	5	
DW246-5	Brown	5	
DW662	Blue	2,5	
DW664	Orange	4	
DW716-2HD	Brown	2	ASTM E595, FTIR-No traceable amounts of silicone (Pass)
DWFST	Purple	2,5	

For more information and to request a sample, please contact our team of product experts at [solutions@rogerscorp.com](mailto:solutions@rogerscorp.com)

DeWAL tapes are available in a wide variety of length, width, core type, liner type, and surface treatment configurations.



Visit the DeWAL Tapes Product Properties Guide to view technical data sheets as well as all standard configurations for PTFE tapes.