



## DeWAL® PTFE Tapes for Electrical Applications

### Features:

- Temperature range up to 260°C (500°F)
- Good insulation
- Excellent wear properties
- Non-stick surface and low friction coefficient
- UL Certified component for flame retardant and cold resistant properties
  - File No. E179854 (DW204-2HD, DW204-3HD, DW204-5HD)
- Government Spec Mil-A-A59474
  - Type 1, Class 1 (DW204-2HD)
  - Type 1, Class 2 (DW204-3/-3HD)
  - Type 1, Class 4 (DW204-5/-5HD)

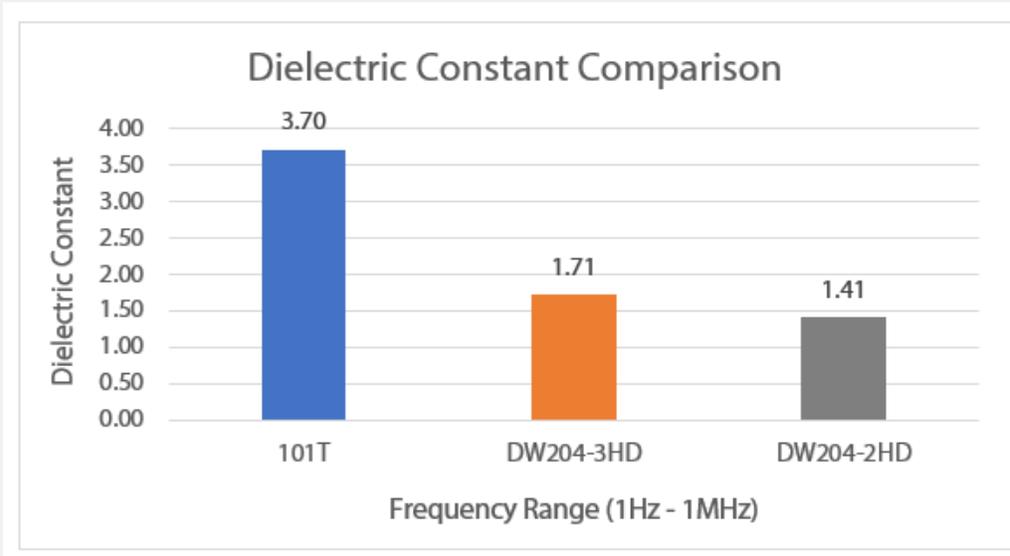
### Benefits:

- Tensilized PTFE enhances strength and durability for extended use during manufacturing process
- Increased dielectric strength
- Chemical inertness
- Clean adhesive surface, with residue-free removal
- No air bubbles within tape component



Constructed of skived PTFE films and tensilized PTFE films coated with high temperature adhesives, DeWAL® PTFE Tapes are used in the aircraft maintenance markets for various applications such as coil wraps, transformers, short liners and harness wrapping.

Proven by industrial history to be the best choice for a variety of electrical applications, DeWAL PTFE Tapes exhibit a combination of extremely high dielectric strength, high temperature resistance and chemical inertness.



PRODUCT	TYPE	COLOR	BACKING THICKNESS, Minimum	ADHESIVE THICKNESS, Minimum	ADHESION, Typical [ASTM-D 1000]	TENSILE STRENGTH, Typical [ASTM-D 3759]	ELONGATION [ASTM-D 3759]	DIELECTRIC STRENGTH, Typical [ASTM-D 149]
			mm (in)	mm (in)	g/cm (oz./in)	MPa (psi)	%	V/mil
DW101T	PTFE Film	Brown	0.043 (0.0017)	0.030 (0.0012)	357 (32)	50 (7,345)	420	3,698
DW 204-2HD			0.043 (0.0017)	0.030 (0.0012)	390 (35)	121 (17,535)	147	3,414
DW 204-3HD			0.069 (0.0027)	0.030 (0.0012)	424 (38)	125 (18,132)	159	3,256
DW 204-5HD			0.114 (0.0045)	0.030 (0.0012)	480 (43)	101 (14,627)	215	3,853
DW 215-2HD			0.043 (0.0017)	0.030 (0.0012)	402 (36)	120 (17,402)	170	3,438
DW 215-3			0.069 (0.0027)	0.025 (0.001)	424 (38)	52 (7,561)	435	2,834
DW 215-5			0.114 (0.0045)	0.030 (0.0012)	524 (47)	46 (6,737)	438	2,537
DW 662			Blue	0.056 (0.002)	0.030 (0.0012)	335 (30)	107 (15,486)	204
DW 664		Orange	0.089 (0.0035)	0.030 (0.0012)	446 (40)	71 (10,319)	211	-
DW FST		Purple	0.055 (0.0022)	0.030 (0.0012)	390 (35)	129 (18,769)	140	3,358

All tapes within the 204 series, DW101T, DW662, DW664, and DW FST are coated with proprietary silicone adhesives.

Tapes within the DW215 series are coated with proprietary acrylic adhesives as a silicone-free option.