

Skived Teflon™ (PTFE Film) Tapes...

TFES-2HD*, TFES-5, TFES-10... Self-Wound (without liner)

Pure skived Teflon™ (PTFE) with a high temp. **silicone adhesive**. Used in electrical applications such as harness/coil wraps & separators, transformers and slot liners where good insulation and heat resistance are required. Also used in mechanical applications such as heat sealing bars & jaws, labeling machine pressure pads, chute liners, anti-friction devices, bearings, forming dies, aircraft mold release & guide rails where high temperature, maximum slip and lubricity are required.

*TFES-2HD is a high density, TENSILIZED skived PTFE film which provides higher tensile strength, lower elongation and higher dielectric strength than regular skived film (primarily used for electrical applications listed above & for roll protection in flat die extrusion). High elongation of TFES-5 permits tight wrapping; conforms to sharp bends/irregular surfaces. 3" plastic core.

PHYSICAL PROPERTIES:

	TFES-2HD	TFES-5	TFES-10
Backing	2 mil/0.002"	5mil/0.005"	10mil/0.010"
Total thickness	0.004"	0.0080"	0.0130"
Break strength (lb/in)	30	15	33
Adhesion (oz/in)	30	30	35
Elongation	100	200	250
Temperature rating (°F cont. use)	-100 to +500	-100 to +500	-100 to +500
Dielectric strength (total volts)	10,000	12,000	14,500
Alternative to: 3M	#5480	#5481	
Permacel	#P422	#P421	#P424
DeWai	#204-2HD	#204-5	#204-10
St. Gobain	#2255-2	#2255-5	#2045-10
Taconic	#6445-02	#6115-05	#6115-10
Chemfab	#380-02		
Lanmar	#585-2	#585-5	
Bondtec	#932F		

			LENGTH: 36 YD (108') 33M				18 YD (54') 16.5M			
WIDTH			TFES-2HD		TFES-5		TFES-10			
INCHES	MM	RLS/CS	ROLL	CASE	ROLL	CASE	ROLL	CASE	ROLL	CASE
1/4"	(6.3mm)	144								
3/8"	(9.5mm)	96								
1/2"	(12.7mm)	72								
3/4"	(19.0mm)	48								
1"	(25.4mm)	36								
1.5"	(38.1mm)	24								
2"	(50.8mm)	18								
3"	(76.2mm)	12								
		LOG	20.5" (521mm)		36" (914.4mm)				20" (504mm)	