

FUTUREWAY® LD-PTFE

Low density & unsintered ePTFE

LD-PTFE tapes are standard low density PTFE series designed for high speed data-transmission cables

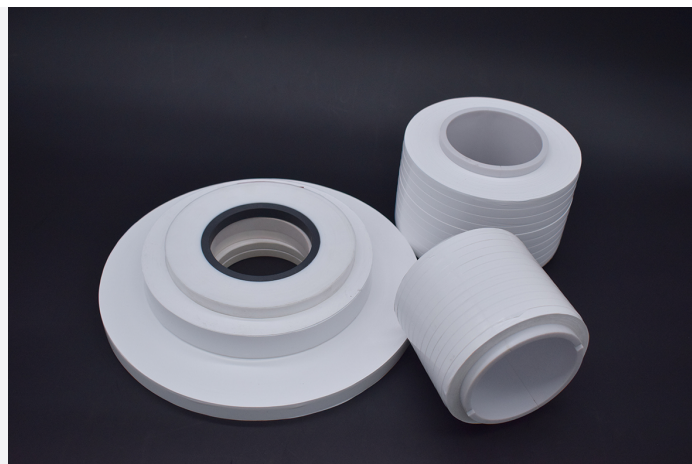
Features and Benefits:

- Low dielectric constant (1.3 - 1.4)
- High-temperature operation
- Resistance to chemical attack
- Tight thickness control
- Up to 1500 m splice-free
- Custom thickness and width



SHENZHEN FUTUREWAY TECHNOLOGY CO., LTD

Dedicated to be a material expert for customers



FUTUREWAY® LD-PTFE is ideal for:

- Coaxial cables
- RF/microwave cables
- High-speed data cables

PROPERTY	TEST METHOD	VALUE
Density (g/cc)		0.5 - 1.0 ± 0.05
Color		Natural
Thickness (mm/mil)	GB/T 6672-2001	0.051 - 0.254/ 2 - 10
Thickness tolerance (mm)		± 0.005 - ± 0.007
Width (mm)	GB/T 6672-2001	2 - 100
Width tolerance (mm)		± 0.2 (W < 10) ± 0.3 (W > 10)
Tensile Strength (MPa) Machine direction	GB/T1040.3-2006	10 - 20
Enlongation (%) Machine direction	GB/T1040.3-2006	> 100
Heat Shrink (%)	125°C, 6H	20 - 30
Working temperature (°C)		-200/+200
PACKING SPECIFICATIONS	FLAT PAD	STEP-PACK
Core diameter (mm)	77	77
Roll width (mm)	Tape width	100
Roll diameter (mm)	150 - 350	100 - 250
Roll width tolerance (mm)	± 0.5	± 2
Remarks	W > 10 mm	No flanges
Running length (m)	1500 (Max)	

Store the material in a cool, clean, and dry environment where the temperature should stay under 19 °C at all times.

Statement: The information contained in this data sheet is intended to assist you in choice of Futureway materials. It is not intended to and does not create any explicit or implicit warranties, including any warranty of marketability of the goods and for special purposes. It is also not guaranteed that users can achieve the results shown in the TDS in specific applications. They will change with different applications. Users should determine the suitability of Futureway materials for each application.

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