

FUTUREWAY® FA220 Film & Tape

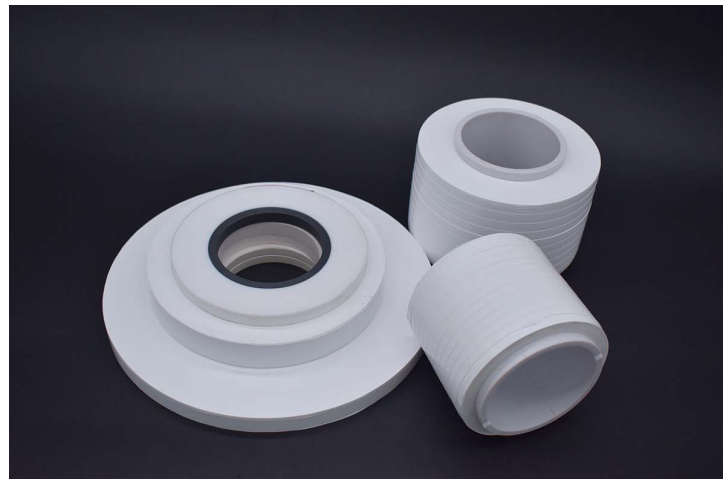
FUTUREWAY® FA220 PTFE cutting film tape is made of pure PTFE powder. It has good electrical performance, fast elastic recovery and strong adaptability. Besides, its excellent fire resistance, chemical resistance and weather resistance make it particularly suitable for use as protective and insulating layer for cable. In addition, it is also very promising in other fields of application.

Product Features:

- Good electrical properties.
- Fast elastic recovery and strong adaptability.
- Excellent fire resistance.
- Chemical resistance, excellent weather resistance.

SHENZHEN FUTUREWAY TECHNOLOGY CO., LTD

Dedicated to be a material expert for customers



FUTUREWAY® FA220 is idea for :

- Aerospace
- Radar Electronic
- Military Equipment
- Electrical Instrument
- Communication
- Industrial Automation
- Transportation
- Medical Equipment

PROPERTY	TEST METHOD	VALUE
Color		Natural
Thickness (mm)	GB/T 6672-2001	0.03~0.076
Thickness tolerance (mm)		±0.003~0.005
Density (g/cm³)	GB/T 6343-2009	2.15±0.08
length		≥1100
Width (mm)	GB/T 6672-2001	2-95
Width tolerance (mm)		± 0.2 (W < 10)/± 0.3 (W > 10)
Longitudinal tensile strength (Mpa)	GB/T 1040.3-2006	≥20
Longitudinal elongation at break (%)	GB/T 1040.3-2006	≥200
Dielectric strength (KV/mm)	GB/T 1408.1-2006	≥60
PACKING SPECIFICATIONS		
	FLAT PAD	STEP-PACK
Core diameter (mm)	77±1	77±1
Roll width (mm)	Tape width±0.5	100±0.5
Roll diameter (mm)	150 - 350	100 - 250
Roll width tolerance (mm)	± 0.5	± 2
Remarks	W > 10 mm	-

Similar to most other materials, PTFE material has memory, which restores the unsintered PTFE tape to its original shape, especially for the extended tape. Extended tape always tries to return to its original density. The storage environment of the PTFE is very important and requires a low temperature, clean and dry environment, and the ideal storage ambient temperature should always be less than 19°C.

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

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