

ETFE TAPE

Fluoropolymer film coated with a pressure sensitive adhesive

ETFE Tape is the special high performance tape. Due to its unique physical and chemical properties, this tape is essential in applications that demand high-temperature resistance, corrosion resistance, and superior adhesion. It is widely used in various industries, including electronics, aerospace, and automotive.

ETFE Tape Characteristics

- **Excellent Release Performance**

Suitable for multiple releases from a variety of common resin systems, such as epoxy, polyester, and polyurethane resins.

- **Good Adhesion**

Provides reliable adhesion to a wide range of materials, including metals, composites, tooling blocks, and rubber molds.

- **High Elongation**

The high elongation properties allow for easier coverage of complex contoured surfaces, making it particularly useful in the aerospace and automotive industries.

Basic Performance	Test Method	Unit	ETFE TAPE
Adhesive type			PSA
Film thickness		μm	50
Adhesive thickness		μm	40
Mechanical Properties			
Tensile strength MD	ASTM D882	Mpa	≥35
Tensile strength TD	ASTM D882	Mpa	≥35
Elongation at break MD	ASTM D882	%	≥300
Elongation at break TD	ASTM D882	%	≥300
Thermal shrinkage MD	ASTM D2732	%	≤5
Thermal shrinkage TD	ASTM D2732	%	≤5
Light Transmission	ASTM D1003	%	≥90
Release Force (15min)	ASTM D3330	%	≥7
Release Force (24h)	ASTM D3330	%	≥8
Product Size			
Width		mm	1200
Color			Clear

Nominal thickness, tensile strength value are typical and are not intended as a specification minimum.

Reliable Fluoroplastics X Innovative Future