

PET Composite Aluminum Reinforcement Film

Description

PET composite aluminum reinforcement film is made of metal alumina film composited with polyethylene terephthalate (PET) film. The film is uniform and very smooth and clean without wrinkles, tears, granules, bubbles, and pinholes or other defects. The film has excellent mechanical properties, heat resistance, and very low cost.

Features

- ◆ Excellent dimensionally stability, flexibility and high temperature resistance
- ◆ Durable, lay-flat, strong tensile strength
- ◆ High tear strength, chemically inert, and good adhesion properties
- ◆ Multi-color selection

Uses

- ◆ Carcass for self-adhesive waterproof membranes and other waterproof materials.
- ◆ For cables production, packaging materials
- ◆ Release liner for cast materials, electronic applications, ceramic capacitors, window materials, printing, and advertisements



Type and Specification

Thickness, mm	0.02 – 0.50 or customized
Width, m	0.05 – 2.02 or customized
Length, m	3000 or customized
Color	Red, blue, white, silver, milky white, or customized
Density, g/cm ³	1.6-2.0

Technical Data

No.	Item	Thickness, mm								
		0.025	0.036	0.048	0.050	0.070	0.075	0.095	0.100	
1	Tensile strength, MPa, ≥	Vertical	200	200	180	180	180	180	180	185
		Horizontal	220	220	185	185	185	185	190	190
2	Elongation at break, % ≥	Vertical	126	126	140	140	140	155	155	160
		Horizontal	119	119	125	120	145	145	145	140
3	Shrinking percentage, % ≤	Vertical	1.20	1.20	1.50	1.50	1.50	1.50	1.50	1.50
		Horizontal	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30

Packing and storage

4 rolls/pallet depending on the length of the roll.

Store away from sources of punctures and physical damage. Keep dry and store away from ignition sources and open flame.

Shelf Life: Unlimited