

FABRIC OPTIONS EXTERIOR ARCHITECTURAL FABRIC

TEDLAR FABRIC



FABRIC PROPERTIES

TEDLAR TOP COATING

Having a 40+ year track record, Dupont's Tedlar top finish is the most proven top film used to protect exterior architectural fabrics. Tedlar-clad architectural fabrics promise longevity, and protect air-supported buildings against fading, UV rays and exposure to the elements.

DURABLE & WEATHER RESISTANT

The base cloth is woven from high tensile strength polyester yarn and is anti-wick treated. The flexible PVC coating also provides exceptional weathering resistance.

CLEANABLE & NON-STICK

Tedlar-clad exterior fabrics also have excellent resistance to dirt, dust and mildew.

LIGHT TRANSMISSION & ENERGY EFFICIENCY

Arizon's Tedlar exterior architectural fabric is available in translucent (which allows 5-12% light transmission, reducing the need for artificial daytime lighting) or opaque (which reduces solar heat gain and provides a level of insulation).

FABRIC AS A BUILDING MATERIAL

Using heavyweight, high strength, coated fabric helps to ensure a long-life structure. In order to extend the fabric life and help maintain the cleanest possible building, Tedlar cladding is used on the exterior fabrics. This film is designed to protect the PVC from degradation by UV rays, weather, and pollution.

SAFETY & BUILDING CODES

This fabric meets standard building codes, pass NFPA 701 requirements for building materials, is fire resistant, self-extinguishing and has extremely low smoke development ratings. UV inhibitors have extended the life of these fabrics up to 25+ years.

COLORS & TRANSLUCENCY

Arizon's exterior fabrics come in a base white color, available both in opaque and translucent, or sometimes used in combination to provide the skylight feature.

SPECIFICATIONS TEDLAR-COATED EXTERIOR FABRIC

PROPERTY	METRIC	IMPERIAL
COLOR		White
BASE FABRIC TYPE	Polyester	Polyester
BASE FABRIC WEIGHT (NOMINAL)	7.5 oz/yd ²	154 g/m ²
FINISHED COATED WEIGHT ASTM D751	28 oz/yd ² +2/-1 oz/yd ²	950 g/m ² +70/-35 g/m ²
TONGUE TEAR ASTM D4533	8' x 10' sample at 12 in/min 275 / 275 lbf	20.3 cm x 25.4 cm sample at 30.5 cm/min 1223/1223 N
GRAB TENSILE ASTM D751	700/700 lbf	3115/3115 N
STRIP TENSILE ASTM D751 PROCEDURE B	515/515 lbf/in	458/458 daN/5 cm
ADHESION ASTM D751 DIELECTRIC WELD	10 lb /in	9 daN/5 cm
HYDROSTATIC RESISTANCE ASTM D751 PROCEDURE A	500 psi	2.45 MPa
COATING ADHESION	120 x 110 N/50	14 x 12 lbs/in
DEAD LOAD MILT-T-52983E (MOD) PARA 4.5.2.19	2 in seam, 4 hr. 1 in strip 266 lb @ room temp 133 lbf @ 160oF	5 cm seam, 4 hf, 2.5 cm strip 1183 N at room temp. 591 N at 71oC
LOW TEMPERATURE	Pass -40oF Pass -67oF	Pass -40oF Pass -55oF
FLAME RESISTANCE		Yes, UL214, NFPA 701, FTMS 191, ASTM E84

ARIZON[®]
BUILDING SYSTEMS

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