

Air-supported Structure Fabric

TFA13133030

Soyang's industrial technical textiles series offers tailored solutions with the broadest range and top-tier quality.

BRIEF DESCRIPTION

- High tensile and tear strength
- Exceptional air impermeability
- Good molding flexibility
- Ideal for non-frame, air supported tents, mobile structures and etc

FEATURES



MATERIAL DETAILS

SPECIFICATIONS	TEST METHOD	RESULTS
Composition	DIN 53830 DIN60001	1400 x 1400 Dtex 11 x 11/cm
	ASTM D 751	1300D x 1300D 30 x 30/inch
Weight	DIN53352	1050gsm ± 20gsm
	ASTM D 751	30oz
Lacquering		1/1 Acrylic (Upon request)
Surface Finish		Glossy
Color		White
Breaking Strength (Warp x Weft)	DIN 53354	5800 x 5200 N/5cm
	FS 5100	1318 x 1181 lbs/2"
Tearing Strength (Warp x Weft)	DIN 53363	950 x 850 N
	FS 5100	215 x 193 lbs
Adhesion Strength	DIN 53357	120 N/5cm
	FS 5970	27 lbs/2"
Width		1000 - 3200m
		36" - 126"
Fire Resistance		B1, B2, NFPA 701
Temperature Resistance	DIN 53372	-30°C - 70°C
	FS 5874	-20°F - 158°F

NOTE: All characteristics could be customized upon request, such as fire retardant, higher color fastness etc. All above information shall only be used as a guide; buyers shall independently test and determine the products' suitability. The mentioned data are the average of the test results and should not be used for the purpose of a lawsuit or warranty.