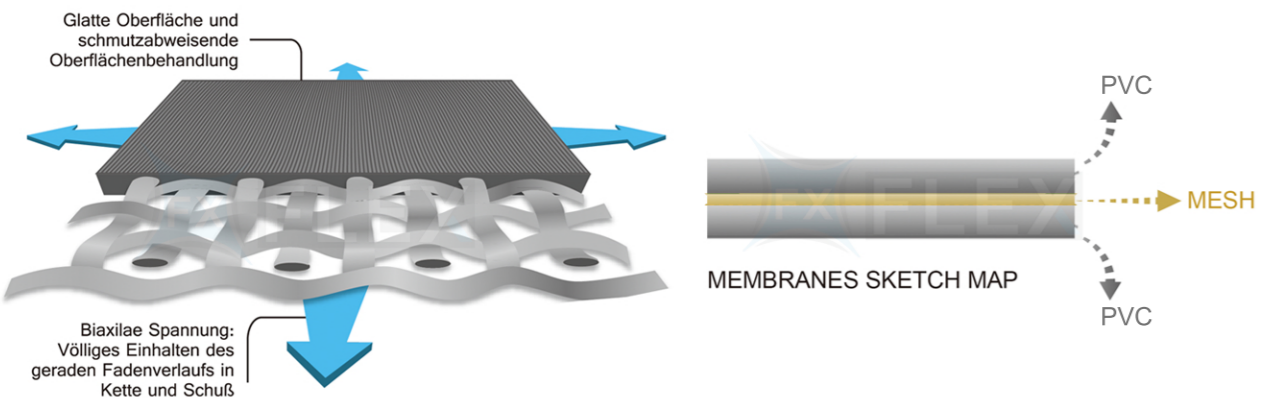


PVC Inflatable Fabric (SGS)

Are you still worried about not being able to find high-quality inflatable fabric?

Bouncy castle fabric is a material used to build bouncy castles, bounce houses and other inflatable fabric materials designed for entertainment use. Since the inflatable castle fabrics serve children, we will add environmental protection and fire-retardant properties to all PVC inflatable fabrics. It can meet environmental standards such as lead-free, 6P, RoHS, and Reach. As well as B1, M2, NFPA-701 and other flame retardant standards.

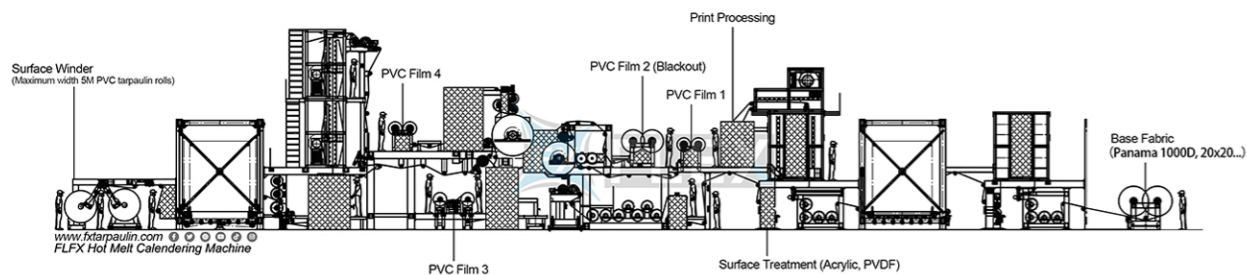


FLX's bouncy castle fabric production machine

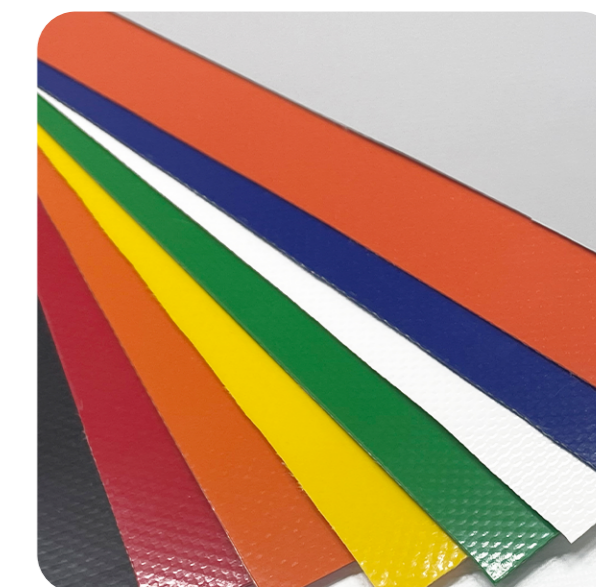
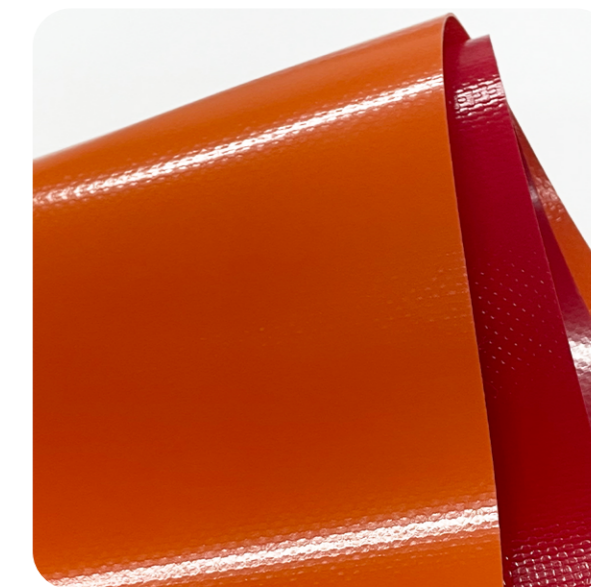
Inflatable castle fabrics are mainly produced using hot melt calendaring technology imported from Germany. The main production principle is to laminate 4-5 layers of PVC base film with 1100D base fabric through high temperature to form a thicker PVC laminated tarpaulin. This inflatable fabric is very airtight, which increases the material's resistance to compression and tearing. And provides a variety of color options from Pantone color cards.

When considering or purchasing inflatable fabrics, it is recommended to tell us the requirements for inflatable PVC fabrics, such as weight, color, performance, base fabric strength, width, quantity, etc.

FLX Hot Melt Calendaring Machine



	FLFX9001	FLFX9002	FLFX9003	FLFX9004	Testing Method
<b>Technical properties</b>					
Total Weight	630 g/m <sup>2</sup> 18.5 OZ/YD <sup>2</sup>	700 g/m <sup>2</sup> 20.6 OZ/YD <sup>2</sup>	610 g/m <sup>2</sup> 18 OZ/YD <sup>2</sup>	595 g/m <sup>2</sup> 17.5 OZ/YD <sup>2</sup>	DIN EN ISO 2286-2 BS 3424 Method 5A
Base Fabric	100%PES 1430Dtex 20×20/inch	100%PES 1100Dtex 18×17/inch	100%PES 1100Dtex 20×20/inch	100%PES 1100Dtex 18×21/inch	DIN EN ISO 2060
Tensile Strength (warp/weft)	2600/2400 N/5cm 585/540 LBS/2inch	2800/2600 N/5cm 630/585 LBS/2inch	2400/2200 N/5cm 540/495 LBS/2inch	2600/2400 N/5cm 585/540 LBS/2inch	DIN 53 354 BS 3424 Method FS 5100
Tear Strength (warp/weft)	400/400 N 90/90 LBS	500/500 N 112/112 LBS	250/250 N 56/56 LBS	500/450 N 110/100 LBS	DIN 53 363 BS 3424 Method FS 5134
Adhesion	150 N/5cm 33 LBS/2inch	150 N/5cm 33 LBS/2inch	150 N/5cm 33 LBS/2inch	150 N/5cm 33 LBS/2inch	DIN 53 357 FS 5970 BS 3424 Method 9B
Width(Optional)	1.6/ 2.5/ 2.8/ 3/ 3.2 /5.1m	1.6/ 2.5/ 2.8/ 3/ 3.2 /5.1m	1.6/ 2.5/ 2.8/ 3/ 3.2 /5.1m	1.6/ 2.5/ 2.8/ 3/ 3.2 /5.1m	-
Temperature Resistance	-30°C / +70°C	-30°C / +70°C	-30°C / +70°C	-30°C / +70°C	DIN EN 1876-2 BS 3424 Method 10 FS 5874
Flame Retardancy (Optional)	B1, M2	B1, M2	B1, M2	B1, M2	EN 13501 NFPA-701 ASTM E84
Lacquering (Optional)	Gloss	Gloss	Olympic	Gloss	
Application	Inflatable Boat	Inflatable Boat	Inflatable Toy	Inflatable Toy	



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