







Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1670 Dte		
Weave style	Plain Plain		
Total Weight EN ISO 2286-2	22 oz/yd² 750g/m ²		
Tensile strength DIN 53354	342/342 lbs/inch 3000/3000 N/5		
Thickness	0.60 MM		
Tear strength – Trapez DIN 53363	67/67 lbs 300/300 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cr		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation

Flame Retardant

FPC products Premiumtex series are FR treated which conforms according to DIN 4102-B1 standards



High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

FPC has products that are phthalate free and REACH compliant. These products do not contain in hazardous chemicals as per SVHC list approved by European union.

Very Flexible

FPC formulation, fabric and process are designed to provide optimal flexibility to products, ease of cutting, stitching, fabrication and welding depending on application and variants of products.









Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1100 Dte		
Weave style	Full panama	Full panama	
Total Weight EN ISO 2286-2	27oz/ yd² 900 g/m²		
Tensile strength DIN 53354	456/478 lbs/inch 4000/4200 N/5		
Thickness	0.80 MM		
Tear strength – Trapez DIN 53363	135/112 lbs 600/500 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 0 F Up to 70 0 C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1 NFP Q2-503 class m2		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation

Flame Retardant

FPC products Premiumtex series are FR treated which conforms according to DIN 4102-B1 and NFP Q2-503 class m2 standards



High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

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Very Flexible

FPC formulation, fabric and process are designed to provide optimal flexibility to products, ease of cutting, stitching, fabrication and welding depending on application and variants of products.









Typical Properties	Typical Characteristics		
Test & Method	English Metric		
Base Fabric	HTLS 1500 Den HTLS 1670 Dtex		
Weave style	Full panama Full panama		
Total Weight EN ISO 2286-2	32 oz/yd²	1100 g/m ²	
Tensile strength DIN 53354	683/569 lbs/inch 6000/5000 N/50		
Thickness	0.90 MM		
Tear strength – Trapez DIN 53363	202/180 lbs 900/800 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1 EN 13501 c-s2, d0 NFPA 701		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation

Flame Retardant

FPC products Premiumtex series are FR treated which conforms according to DIN 4102-B1, BS EN 13501-1 Class C-s2,d0 and NFPA 701 standards



High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

FPC has products that are phthalate free and REACH compliant. These products do not contain in hazardous chemicals as per SVHC list approved by European union.

Very Flexible

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Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1500 Den HTLS 1670 Dte		
Weave style	Full panama Full panama		
Total Weight EN ISO 2286-2	41 oz/yd² 1400 g/m²		
Tensile strength DIN 53354	911/797 lbs/inch 8000/7000 N/5		
Thickness	1.10 MM		
Tear strength – Trapez DIN 53363	270/270 lbs 1200/1200 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5ci		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation

Flame Retardant

which conforms according to DIN 4102-B1 standards

FPC products Premiumtex series are FR treated

High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

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Very Flexible

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Premium tex FPC **1550 GSM** TYPE V Premium tex 1550 Premium tex 1550







Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1980 Den HTLS 2200 Dte		
Weave style	Full panama Full panama		
Total Weight EN ISO 2286-2	46 oz/yd²	1550g/m ²	
Tensile strength DIN 53354	1139/1025 lbs/inch 10000/9000 N/5		
Thickness	1.30 MM		
Tear strength – Trapez DIN 53363	450/450 lbs 2000/2000 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F	-40 °C	
Fire Performance	DIN 4102-1 class B1 EN 13501 c-s2, d0 NFPA 701		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation

Flame Retardant

FPC products Premiumtex series are FR treated which conforms according to DIN 4102-B1, BS EN 13501-1 Class C-s2,d0 and NFPA 701 standards



High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

FPC has products that are phthalate free and REACH compliant. These products do not contain in hazardous chemicals as per SVHC list approved by European union.

Very Flexible

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Ean Toy 400				

Fap Tex 680









Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1100 Dte		
Weave style	Plain Plain		
Total Weight EN ISO 2286-2	20 oz/yd ² 680g/m ²		
Tensile strength DIN 53354	330/307 lbs/inch 2900/2700 N/5		
Thickness	0.60 MM		
Tear strength – Trapez DIN 53363	67/67 lbs 300/300 N		
Adhesion (HF welding) ASTM D751	min. 11 lbs/inch min. 100N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Minimal Warp to Weft elongation

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Flame Retardant

FPC products FapTex series are FR treated which conforms according to DIN 4102-B1

High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

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Very Flexible

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Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1100 Dte		
Weave style	Plain Plain		
Total Weight EN ISO 2286-2	22 oz/yd² 750g/m²		
Tensile strength DIN 53354	342/319 lbs/inch 3000/2800 N/5		
Thickness	0.60 MM		
Tear strength – Trapez DIN 53363	67/56 lbs 300/250 N		
Adhesion (HF welding) ASTM D751	min. 11 lbs/inch min. 100 N/5cr		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

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Minimal Warp to Weft elongation

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Flame Retardant

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High Strength

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Phthalate free

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Very Flexible

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Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1100 Dte		
Weave style	Full panama	Full panama	
Total Weight EN ISO 2286-2	27 oz/yd² 900g/m²		
Tensile strength DIN 53354	456/456 lbs/inch 4000/4000 N/5		
Thickness	0.80 MM		
Tear strength – Trapez DIN 53363	135/112 lbs 600/500N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

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UV Resistant

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Flame Retardant

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Very Flexible

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High Strength

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FPC uses only high tenacity and low shrinkage

polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and

application requirement to withstand the

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tension requirements of the project

approved by European union.

FPC Industrial Company











Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1000 Den HTLS 1100 Dte		
Weave style	Full panama	Full panama	
Total Weight EN ISO 2286-2	32 oz/yd²	1100g/m ²	
Tensile strength DIN 53354	487/456 lbs/inch 4200/4000 N/5		
Thickness	0.9 MM		
Tear strength – Trapez DIN 53363	135/112lbs 600/500 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

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UV Resistant

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Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1500 Den HTLS 1670 Dte		
Weave style	Full panama Full panama		
Total Weight EN ISO 2286-2	38 oz/yd² 1350g/m²		
Tensile strength DIN 53354	683/569 lbs/inch 6000/5000 N/5		
Thickness	1.0 MM		
Tear strength – Trapez DIN 53363	202/180lbs 900/800 N		
Adhesion (HF welding) ASTM D751	min. 23 lbs/inch min. 200 N/5cm		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F -40 °C		
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

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Typical Properties	Typical Characteristics		
Test & Method	English	Metric	
Base Fabric	HTLS 1980 Den HTLS 2200 Dte		
Weave style	Full panama	Full panama	
Total Weight EN ISO 2286-2	46 oz/yd² 1550g/m²		
Tensile strength DIN 53354	1139/1025 lbs/inch 10000/9000 N/5		
Thickness	1.3 MM		
Tear strength – Trapez DIN 53363	450/450 lbs 2000/2000 N		
Adhesion (HF welding) ASTM D751	min. 14 lbs/inch min. 120 N/5cr		
Seam Strength ASTM D751	Break outside seam area		
Heat resistance	Up to 158 °F Up to 70 °C		
Cold resistance	-40 °F	-40 °C	
Fire Performance	DIN 4102-1 class B1		

High Gloss Surface

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	13 oz/yd²	450g/m ²
Tensile strength DIN 53354	285/262 lbs/inch	2500/2300 N/5cm
Thickness	0.40 MM	
Tear strength – Trapez DIN 53363	52/49 lbs	230/220 N
Adhesion (HF welding) ASTM D751	min. 7 lbs/inch	min. 60N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	16 oz/yd²	550g/m ²
Tensile strength DIN 53354	285/262 lbs/inch	2500/2300 N/5cm
Thickness	0.45 MM	
Tear strength – Trapez DIN 53363	52/49 lbs	230/220 N
Adhesion (HF welding) ASTM D751	min. 10 lbs/inch	min. 90 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

High Gloss Surface

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	18 oz/yd²	610g/m ²
Tensile strength DIN 53354	285/262 lbs/inch	2500/2300 N/5cm
Thickness	0.55 MM	
Tear strength – Trapez DIN 53363	52/49 lbs	230/220 N
Adhesion (HF welding) ASTM D751	min. 10 lbs/inch	min. 90 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	20 oz/yd²	680g/m ²
Tensile strength DIN 53354	342/319 lbs/inch	3000/2800 N/5cm
Thickness	0.60 MM	
Tear strength – Trapez DIN 53363	67/56 lbs	300/250N
Adhesion (HF welding) ASTM D751	min. 10 lbs/inch	min. 90 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

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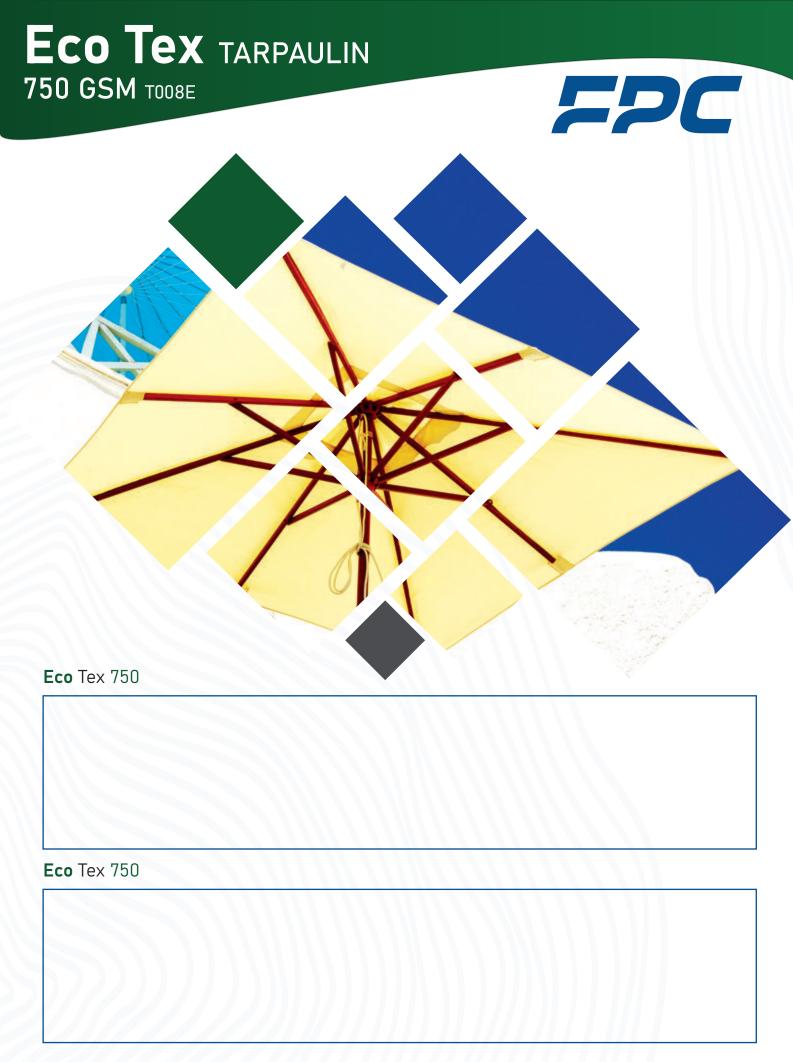
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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	22 oz/yd²	750g/m ²
Tensile strength DIN 53354	342/319 lbs/inch	3000/2800 N/5cm
Thickness	0.60 MM	
Tear strength – Trapez DIN 53363	67/56 lbs	300/250 N
Adhesion (HF welding) ASTM D751	min. 10 lbs/inch	min. 90N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	27 oz/yd²	900g/m ²
Tensile strength DIN 53354	456/478 lbs/inch	4000/4200 N/5cm
Thickness	0.78 MM	
Tear strength – Trapez DIN 53363	135/112lbs	600/500 N
Adhesion (HF welding) ASTM D751	min. 11 lbs/inch	min. 100 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

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- **♣** 00966112651424 **⊕** www.fpctextile.com











Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	32 oz/yd²	1100g/m²
Tensile strength DIN 53354	456/478 lbs/inch	4000/4000 N/5cm
Thickness	0.95 MM	
Tear strength – Trapez DIN 53363	135/112lbs	600/500 N
Adhesion (HF welding) ASTM D751	min. 11lbs/inch	min. 100 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C

High Gloss Surface

Products can achieve Gloss as per customer requirement up to 60-65 Gloss level @ 60deg

UV Resistant

FPC products goes through accelerator weathering tester QUV and outdoor weathering test to ensure the product has high UV stability.

Very Flexible

FPC formulation, fabric and process are designed to provide optimal flexibility to products, ease of cutting, stitching, fabrication and welding depending on application and variants of products.

High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

FPC has products that are phthalate free and REACH compliant. These products do not contain in hazardous chemicals as per SVHC list approved by European union.

Minimal Warp to Weft elongation

FPC coating process is equipped with weft extension so as to provide linear and cross direction with minimal elongation variation











Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain mesh	Plain mesh
Total Weight EN ISO 2286-2	18 oz/yd²	600g/m ²
Tensile strength DIN 53354	342/285 lbs/inch	3000/2500 N/5cm
Thickness	0.7 MM	
Tear strength – Trapez DIN 53363	90/67lbs	400/350N
Adhesion (HF welding) ASTM D751	min. 8 lbs/inch	min. 70 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C
Fire Performance	DIN 4102-1 class B1	

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Flame Retardant

FPC products Plain mesh are FR treated which conforms according to DIN 4102-B1 standards

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	20 oz/yd²	680 g/m ²
Tensile strength DIN 53354	342/319 lbs/inch	3000/2800 N/5cm
Thickness	0.6 MM	
Tear strength – Trapez DIN 53363	67/56 lbs	300/250 N
Adhesion (HF welding) ASTM D751	min. 10 lbs/inch	min. 90 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 ⁰ F	Up to 70 °C
Cold resistance	-40 °F	-40 °C
Fire Performance	DIN 4102-1 class B1	

High Gloss Surface

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UV Resistant

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Minimal Warp to Weft elongation

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Flame Retardant

FPC products BLOCKOUT series are FR treated which conforms according to DIN 4102-B1 standards



High Strength

FPC uses only high tenacity and low shrinkage polyester yarn to ensure high strength and dimensional stability to the coated fa fabric. The fabrics designed as per product and application requirement to withstand the tension requirements of the project

Phthalate free

FPC has products that are phthalate free and REACH compliant. These products do not contain in hazardous chemicals as per SVHC list approved by European union.

Very Flexible

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Typical Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	HTLS 1000 Den	HTLS 1100 Dtex
Weave style	Plain	Plain
Total Weight EN ISO 2286-2	25 oz/yd²	850g/m ²
Tensile strength DIN 53354	342/342 lbs/inch	3000/3000 N/5cm
Thickness	0.7 MM	
Tear strength – Trapez DIN 53363	67/61lbs	300/270N
Adhesion (HF welding) ASTM D751	min. 11 lbs/inch	min. 100 N/5cm
Seam Strength ASTM D751	Break outside seam area	
Heat resistance	Up to 158 °F	Up to 70 °C
Cold resistance	-40 °F	-40 °C
Fire Performance	DIN 4102-1 class B1	

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