

Fibertex geotextiles are used in building and construction works for separation, filtration, drainage, protection, stabilisation and reinforcement. Fibertex geotextiles are manufactured from virgin polypropylene fibres with added UV stabiliser. The basic strength of the Fibertex geotextiles is obtained by needle punching the polypropylene fibres, which provides strong elastic bonding. Fibertex is highly durable and resistant to all natural occurring soil alkalis and acids.

法帛太丝的土工布产品在建筑及建设工程中可用作分隔、过滤、排水、维护、稳定及加固。法帛太丝的土工布用原生聚丙烯纤维加入紫外线稳定剂制成，主要强度优势是通过针刺加工聚丙烯纤维而产生强力的弹性联接，对各种天然土壤中的碱和酸有高度的持久性及抵抗力。

SPECIFICATIONS 规格

Effective as of 生效日: 08.08.2017

			F-22 sa	F-25 sa	F-30 sa	F-32 sa	F-34 sa	F-46 sa	F-50 sa	F-55 sa	
Durability Properties 持久性											
UV 紫外线			To be covered within 1 month after installation. 使用后 1 个月内有效								EN 12224: 2000
Durability 持久性			Predicted to be durable for a service life of 100 years in natural soils with $4 \leq \text{pH} \leq 9$ and soil temperatures $\leq 25^\circ\text{C}$ on the basis of the results of test method EN ISO 13438 procedure A. 根据 EN ISO 13438 方法 A 的测试结果，在天然土壤 $4 \leq \text{pH} \leq 9$ 及 土壤温度 $\leq 25^\circ\text{C}$ 下，预期使用寿命为 100 年								EN ISO 13348: 2004
Physical Properties 物理特性											
Thickness 厚度	At 2 kPa	mm	0.7	0.7	0.8	0.9	1.0	1.2	1.6	1.8	SANS 9863:2013
Mechanical Properties 机械特性											
Static Puncture Strength 静电击穿力	CBR Test CBR 测试	N	1 500	1 700	2 000	2 100	2 600	3 600	3 900	4 500	SANS 12236:2013
Elongation at break 断裂伸长率		%	>45	>45	>45	>45	>45	>45	>45	>45	SANS 12236:2013
Tensile Strength 拉伸强度	MD/CMD 纵向/横向	kN/m	8/8	10/10	11/11	12/12	15/15	21/21	23/23	26/26	SANS 1525:2013
Elongation at Break 断裂伸长率		%	40-65	40-65	40-65	40-65	40-65	40-75	40-75	40-75	SANS 1525:2013
Dynamic Cone Drop 动锥下降率		mm	28	25	23	20	17	12	12	11	SANS 13433:2013
Hydraulic Properties 流体特性											
Water Flow 水流量	50mm Water Head 50mm 水位	l/s/m ²	106	77	71	54	54	27	43	25	SANS 11058:2013
Permeability 渗透性	50mm Water Head 50mm 水位	m/s	0.10	0.07	0.07	0.05	0.05	0.03	0.04	0.02	SANS 11058:2013
Permittivity 电容率	50mm Water Head 50mm 水位	sec ⁻¹	2.13	1.55	1.43	1.08	1.08	0.60	0.87	0.50	SANS 11058:2013
Pore Size 气孔尺寸	O _{90%}	micron	70	70	70	70	70	70	70	70	SANS 12956:2013

The information contained in this publication is provided in good faith and to the best of our knowledge is true and accurate.

Fibertex South Africa reserves the right to make technical modifications to their products without notice.

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KZN: (T) +27 (0)31 736 7100
(E) salesza@fibertex.com

GAUTENG: (T) +27 (0)11 965 0205
(E) tenders@geotextilesafrica.co.za

W CAPE: (T) +27 (0)21 701 3569
(E) adminct@geotextilesafrica.co.za

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** GEOTEXTILES • GEOGRIDS • SUBSOIL DRAINAGE PIPE & FITTINGS • GEOCELLS • COMPOSITE DRAINAGE SYTEMS • GABIONS & MATTRESSES
• CUSPATED SHEETS • GEOBAGS • GCLs • GEOMEMBRANE

Roll Dimensions 卷材尺寸

Widths 宽度	Maximum 最大值	m	6.0							
Length 长度	Standard 标准	m	150					100		
Roll Diameter 卷材直径	Approx. 接近值	cm	34	36	37	40	43	40	42	44

An "M" in the Fibertex product code indicates it is needle punched only, and has not undergone thermal treatment.
法帛太丝产品编号 "M" 代表产品为针刺 及 没有任何热处理

Fibertex geotextiles are manufactured to ISO 9001:2008 quality management procedures.

法帛太丝的土工布是根据 ISO 9001:2008 的质量管理程序生产。

The above values represent Typical values based on current production test results.

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SPECIFICATIONS 规格

Effective as of 生效日: 08.08.2017

			F-400M sa	F-500M sa	F-550M sa	F-750M sa	F-1000M sa	F-1200M sa		
Durability Properties 持久性										
UV 紫外线			To be covered within 1 month after installation. 使用后 1 个月内有效						EN 12224: 2000	
Durability 持久性			Predicted to be durable for a service life of 100 years in natural soils with $4 \leq \text{pH} \leq 9$ and soil temperatures $\leq 25^\circ\text{C}$ on the basis of the results of test method EN ISO 13438 procedure A. 根据 EN ISO 13438 方法 A 的测试结果，在天然土壤 $4 \leq \text{pH} \leq 9$ 及 土壤温度 $\leq 25^\circ\text{C}$ 下，预期使用寿命为 100 年						EN ISO 13348: 2004	
Physical Properties 物理特性										
Thickness 厚度	At 2 kPa	mm	3.4	4.2	4.4	5.5	6.5	7.0	SANS 9863:2013	
Mechanical Properties 机械特性										
Static Puncture Strength 静电击穿力	CBR Test CBR 测试	N	4 500	6 500	7 100	9 800	12 500	14 000	SANS 12236:2013	
Elongation at break 断裂伸长率		%	>55	>55	>55	>55	>55	>55	SANS 12236:2013	
Tensile Strength 拉伸强度	MD/CMD 纵向/横向	kN/m	25.0/28.0	30.0/38.0	40.0/40.0	55.0/60.0	70.0/70.0	75.0/75.0	SANS 1525:2013	
Elongation at Break 断裂伸长率		%	>50	>50	>50	>50	>50	>50	SANS 1525:2013	
Dynamic Cone Drop 动锥下降率		mm	8	4	3	≤ 1	0	0	SANS 13433:2013	
Hydraulic Properties 流体特性										
Water Flow 水流量	50mm Water Head 50mm 水位	l/s/m ²	42	38	25	23	16	15	SANS 11058:2013	
Permeability 渗透性	50mm Water Head 50mm 水位	m/s	0.04	0.04	0.02	0.02	0.01	0.01	SANS 11058:2013	
Permittivity 电容率	50mm Water Head 50mm 水位	sec ⁻¹	0.85	0.76	0.50	0.47	0.32	0.29	SANS 11058:2013	
Pore Size 气孔尺寸	O90%	micron	70	70	70	70	70	70	SANS 12956:2013	

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Roll Dimensions 卷材尺寸

Widths 宽度	Maximum 最大值	m	6.0					
Length 长度	Standard 标准	m	50					
Roll Diameter 卷材直径	Approx. 接近值	cm	42	48	50	58	61	65

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