

AKSH is one of the leading producer of reinforcements for optical fibre cables. **AKSH** reinforcement solution gives strength and protection to cables.



TELEGLASS WB

Teleglass WB is E-glass reinforcement coated with super absorbent resin. It eliminates flooding gels & tapes from fibre optic cables. Teleglass WB swells to form a gel as it comes in contact with water and stops further flow into cable jacket. It has good abrasion resistance and easy handling properties.

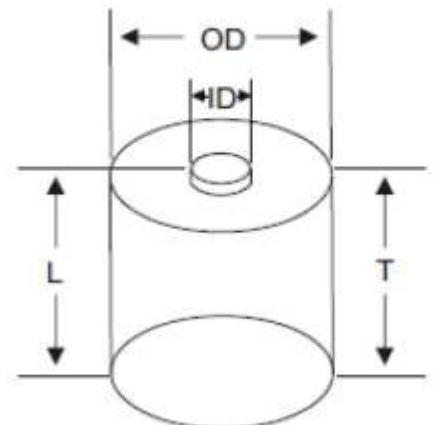
TECHNICAL DATA

Physical Properties	Unit	WB 850	WB 1700	Test Method
Linear Density (Tex =g/1000 m)	gm/km	850±5%	1700±5 %	ASTM D 578
Tensile Strength at Break	N	>560	>1200	ASTM D 885
Load @ 0.5 % Elongation	N	>120	>250	ASTM D 885
Load @ 1.0 % Elongation	N	>240	>490	ASTM D 885
Modulus of Elasticity	N/mm ²	>75000	>75000	ASTM D 885
Elongation at Break	%	< 3.5	< 3.5	ASTM D 885
Strand Width	mm	2.5+1.0	3.5+1.0	ASTM D 885
Strand Thickness	mm	0.2±0.1	0.35±0.1	ASTM D 885
Package Weight	kg	11	12	-
Water absorption 1.0 Minute	%	>400	>400	-

PACKAGING

All dimensions are in mm

Outside Diameter (OD)	250
Inside Diameter (Tube ID)	95
Traverse (T)	250
Tube Length (L)	275



AKSH OPTIFIBRE LIMITED

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Website : www.akshoptifibre.com

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TELEGLASS SS

Teleglass SS is coated E-glass with soft, abrasion resistant resin for easy handling and enhanced flexibility. It is used in optical fibre cables as reinforcement to improve tensile strength and rodent protection properties.

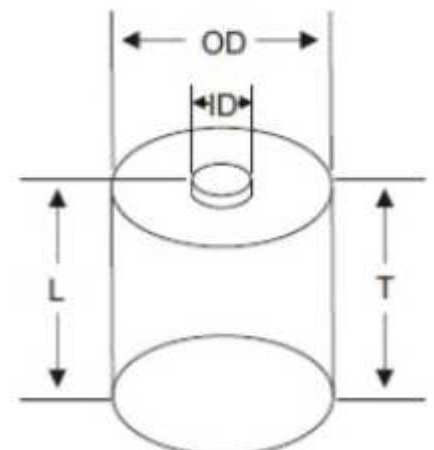
TECHNICAL DATA

Physical Properties	Unit	SS 800	SS 1600	Test Method
Linear Density (Tex =g/1000 m)	gm/km	800±5%	1600±5 %	ASTM D 578
Tensile Strength at Break	N	>560	>1200	ASTM D 885
Load @ 0.5 % Elongation	N	>120	>250	ASTM D 885
Load @ 1.0 % Elongation	N	>240	>490	ASTM D 885
Modulus of Elasticity	N/mm ²	>75000	>75000	ASTM D 885
Elongation at Break	%	< 3.5	< 3.5	ASTM D 885
Strand Width	mm	2.5±1.0	3.5±1.0	ASTM D 885
Strand Thickness	mm	0.2±0.1	0.35±0.1	ASTM D 885
Package Weight	kg	11	12	-

PACKAGING

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