



PRODUCT TECHNICAL DATA

FREEFORMFLEX®

Product Reference: Freeform Flex® 170 V3.0

Product Characteristics: Freeform Flex® 170 is manufactured from a high tenacity Polyester Interlock stretch fabric, coated with a stretch polymeric, flame retarded and treated with anti fungicide agents and UV stabilizer's.

End Use: Tents, Canopies and Lightweight covers. The product is recommended for mobile or semi - permanent structures.

Quality Management System: The fabric manufacturer is **ISO 9001/2000 accredited.**

Environmental: **ISO 14001 accredited.**

PRODUCT- PHYSICAL SPECIFICATION

Product Dimensions	Value	Tolerances	Unit	Test Method
Fabric Weight	280	+/- 10	g/m ²	BS 3424.5
Overall Mass	720	+/- 20	g/m ²	BS 3424.5
Width	150	=/- 5(max)	cm	

TECHNICAL PERFORMANCE

Product Properties/Performance	Value	Tolerances	Unit	Test Method
Colour fastness to light	4	Minimum	Blue Scale	ASTM D 2263 Method C
Colour fastness wet & dry rubbing	3-4	Minimum	Grey Scale	BS 3424 P14 Method 16A
Bursting Resistance	25	Minimum	kg cm/s	Mullen
Water Column	10	No drops	m	ASTM D 751
Tensile Strength:	WMD 850	Minimum	N/50mm	BS 3424 P4
	AMD 700	Minimum	N/50mm	BS 3423 P4
Elongation under constant load:	WMD 20		%	10kg/10min.
	AMD 30		%	10kg/10min.

FLAMMABILITY TEST REPORTS

Standard	Test Method	Result	Labtest
British Standard	BS 5438:1989 2B as required by BS 7837:1996	Pass	Intertek Lancashire U.K.
EU Standard	EN ISO 11925-2:2002 in accordance EN 13501-1:2007	Class E	Efectis Nederland BV
Australia	AS/NZS 1530.2 1993 AS/NZS 1530.3 1999		AWTA
CFM	Section13115, California Health and Safety code	REG NO. F-93801	Diversified

LIMITATIONS

The product is not recommended for use in temperatures below - 10 degrees Celsius.

Due to the manufacturing process, there may be slight inconsistencies in the polymeric coating, creating slight colour variations and small dispersion marks (fish eyes.)

LIMITED WARRANTY

FREEFORM TENTS CC offers a two year waterproofing warranty the FreeformFlex® fabric from the date of purchase, under standard UV and normal weather conditions.

All seams and webbing are guaranteed against manufacturing defect, for a period of one year from the date of purchase. No further guarantee can be offered as Freeform® cannot control how the product is used.