



SPECIFICATIONS	
MATERIAL	UV-Stabilised HDPE
CONSTRUCTION	Monofilament and Tape Yarn
PATTERN	Knitted lock-stitch
TEMPERATURE RANGE	-25°C to +80°C
APPROXIMATE THICKNESS	1.7mm
CPI - COURSES PER INCH	12

  

PERFORMANCE	
TENSILE STRENGTH - WARP	720N/50mm (AS 2001.2.3.1-2001)
TENSILE STRENGTH - WEFT	1720N/50mm (AS 2001.2.3.1-2001)
WING TEAR - WARP (mean)	255N (AS 2001.2.10-1986)
WING TEAR - WEFT (mean)	210N (AS 2001.2.10-1986)
TONGUE RIP - WARP	270N (ASTM D2261)
TONGUE RIP - WEFT	185N (ASTM D2261)
WIND TUNNEL TESTS	>200km per hour (performed by CSIR (SA))
PNEUMATIC BURST	420KPa (SANS 1703:2003)
HYDRAULIC BURST	3400KPa (AS 2001.2.4-1990 / ASTM D 3786-06 / ISO 13938-1:1999)
UVR BLOCKOUT %	Up to 97
SHADE COVER %	Up to 95



### BASE MATERIALS:



- Virgin HDPE (High Density Polyethylene)
- Stentered Fabrics
- UV (Ultra Violet) stabilizers
- Colourants of high quality refined pigments with high light fastness properties, which provide excellent fade resistant and high tensile strength properties for the individual yarns in the knitted shade net fabric.

### TECHNICAL FEATURES



- eXtreme 32 is a three bar knitted, lockstitch pattern, incorporating monofilament and monotype yarns for dimensional stability, tear and fray resistance.
- Our pattern gives excellent weft and warp stability, due to throw of the weft yarns across the knitting needles during fabrication of the fabric.
- The pattern design achieves high density coverage with the weft yarns, giving up to 97% UV block out.
- The eXtreme 32 fabric is heat set using a stentering process, giving additional dimensional stability and strength as a result of shrinking and equalizing the yarns lengths and knots in a three bar lockstitch pattern.
- The stentering of the eXtreme 32 fabric assists in eliminating sagging and looseness in the fabric after installation.
- eXtreme 32 is certified by the Southwest Research Institute Underwriter's Laboratory (UL) as UL 2218 Class 4.

All specifications have been compiled from results conducted by independent laboratories. The information thereof provided by this company is considered accurate. It also follows strict quality control standards to ensure that these specifications remain consistent and accurate, within a minimal variance. These results should therefore be used as an indication of the specifications of the fabric. By using this product, the user acknowledges that this company cannot be held responsible or liable in any way whatsoever should this information change in any way.



# eXtreme 32



eXtreme 32 Standard Range						Average GSM	Average Warp Break	Average Elongation %	Average Weft Break Strength kg	Average Elongation %	Average Burst KPa	Average Burst to Mass Ratio
	Colour	Width	Length	Shade %	UV Block %							
	Arizona	3m	50m			320	102	65	186	67	398	1.25
	Black	3m	50m	95	96	320	102	65	186	67	398	1.25
	Charcoal	3m	50m	94	96	320	102	65	186	67	398	1.25
	Cinnamon	3m	50m	89	92	320	102	65	186	67	398	1.25
	Desert Sand	3m	50m	91	92	320	102	65	186	67	398	1.25
	Navy Blue	3m	50m	94	95	320	102	65	186	67	398	1.25
	Rain Forest Green	3m	50m	90	92	320	102	65	186	67	398	1.25
	Royal Blue	3m	50m	86	92	320	102	65	186	67	398	1.25
	Silver	3m	50m	91	92	320	102	65	186	67	398	1.25
	Terracotta	3m	50m	93	93	320	102	65	186	67	398	1.25

eXtreme 32 Non-Standard Range						Average GSM	Average Warp Break	Average Elongation %	Average Weft Break Strength kg	Average Elongation %	Average Burst KPa	Average Burst to Mass Ratio
	Colour	Width	Length	Shade %	UV Block %							
	Atomic Orange	3m	50m			320	102	65	186	67	398	1.25
	Bleached Slate	3m	50m	83	97	320	102	65	186	67	398	1.25
	Bush Khaki	3m	50m			320	102	65	186	67	398	1.25
	Chocolate	3m	50m			320	102	65	186	67	398	1.25
	Craft Work	3m	50m	92	96	320	102	65	186	67	398	1.25
	Electric Purple	3m	50m	89	92	320	102	65	186	67	398	1.25
	Laguna Blue	3m	50m	90	91	320	102	65	186	67	398	1.25
	Mulberry	3m	50m	89	84	320	102	65	186	67	398	1.25
	Olive	3m	50m	88	92	320	102	65	186	67	398	1.25
	Red	3m	50m	90	95	320	102	65	186	67	398	1.25
	Rust Gold	3m	50m			320	102	65	186	67	398	1.25
	Sunflower Yellow	3m	50m	80	94	320	102	65	186	67	398	1.25
	Turquoise	3m	50m	92	85	320	102	65	186	67	398	1.25
	White	3m	50m	58	88	320	102	65	186	67	398	1.25
	Zesty lime	3m	50m	85	91	320	102	65	186	67	398	1.25



Easy Care & Maintenance



High UV Protection (up to 97%)



Durability & Longevity



Resilient Dimensional Stability



Extreme Strength



Heat Reduction



High Tear Resistance