

# Architec 400®



ARCHITEC 400® is an extremely strong knitted shadecloth that has been designed for very large commercial tension membrane structures and shade sails.

Technical Specifications		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	342	270
Elongation at Break (per ASTM D-5034)	%	87	96
Tearing strength (per ASTM D-2261)	lbs	41	38
Mullen Burst (per ASTM D-3786)	lbs/in	Face	593
Ball Burst (per ASTM D-3787)	lbf	Face	450+*

\*Remarks: + Exceeds capacity of tester.

Colors	UVR %	Mean UPF	Shade Factor %	SRI
Turquoise (NEW)	91	13	85	NA
Porcelain	90	12	66	87
Cappuccino	95	25	86	36
Aquamarine	94	22	91	31
Navy Blue	96	34	95	NA
Slate Gray	88	10	84	NA
Orange	94	24	82	61
Lime	94	20	87	56
Golden Yellow	95	25	76	79
Grape	90	14	82	NA
Midnight Green	95	28	92	NA
Black	96	48	96	1

SRI - Solar Reflectance Index (per ASTM E 1980). NA - results not available at the time of print.

# Comtex®



Comtex® is an innovative commercial, heavy duty knitted shadecloth designed for medium to larger sized tension membrane shade structures, where the shadecloth fabric is placed under greater loading strains.

Technical Specifications		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	268	340
Elongation at Break (per ASTM D-5034)	%	110	75
Tearing strength (per ASTM D-2261)	lbs	31	34
Mullen Burst (per ASTM D-3786)	lbs/in	Face	548
Ball Burst (per ASTM D-3787)	lbf	Face	418

Colors	UVR %	Mean UPF	Shade Factor %	SRI
Aussie Green	95	19	89	35
Red	95	29	84	64
Porcelain	96	41	77	87
Cappuccino	95	34	90	36
Café Noir	96	44	94	NA
Sandstone	95	28	87	52
Rust	95	27	90	33
Bronze	96	44	92	21
White	90	27	75	96
Golden Yellow	97	55	79	79
Sage	96	44	94	17
Midnight Green	95	35	95	NA
Aquamarine	96	35	93	31
Navy Blue	98	99	98	NA
Silver	94	17	94	18
Slate Gray	97	42	96	NA
Black	96	40	96	1

SRI - Solar Reflectance Index (per ASTM E 1980). NA - results not available at the time of print.

# Polytex®



Polytex® is ideal for small to medium sized residential shade sails and shade structures, and offers maximum ultra violet protection against the harmful UV rays of the sun.

Technical Specifications		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	120	296
Elongation at Break (per ASTM D-5034)	%	75	61
Tearing strength (per ASTM D-2261)	lbs	17	25
Mullen Burst (per ASTM D-3786)	lbs/in	Face	444
Ball Burst (per ASTM D-3787)	lbf	Face	293

Colors	UVR %	Mean UPF	Shade Factor %	SRI
Lime	95	26	84	56
Grape	91	18	81	NA
Aussie Green	96	34	91	35
Red	95	20	86	64
Porcelain	94	32	73	87
Cappuccino	94	20	86	36
Café Noir	97	35	96	NA
Sandstone	96	20	86	52
Rust	94	24	87	33
Bronze	96	30	90	21
White	94	15	72	96
Golden Yellow	96	38	78	79
Sage	96	26	92	17
Midnight Green	94	20	92	NA
Aquamarine	93	19	88	31
Navy Blue	97	54	96	NA
Silver	93	16	92	18
Slate Gray	95	36	94	NA
Black	96	55	96	1

SRI - Solar Reflectance Index (per ASTM E 1980). NA - results not available at the time of print.