

Technical Data Sheet
Basalt Meshes
Window Sizes 5mm, 10mm, 25mm, 50mm

Window Size	5mm	10mm	25mm	50mm
Total Weight/ Area	220 grams/ sq. meter	110 grams/ sq. meter	350 grams/ sq. meter	370 grams/ sq. meter
	6.5 oz./sq. yard	3.85 oz./sq. yard	10.26 oz./ sq. yard	10.85 oz./ sq. yard
Weight Resin Coating	20 grams/ sq. meter	10 grams/ sq. meter	36 grams/ sq. meter	38 grams/ sq. meter
	0.7 oz./sq. yard	0.35 oz./sq. yard	1.3 oz./sq. yard	1.35 oz./sq. yard
Thickness	0.6-0.7 mm	0.6-0.7 mm	.08-.09 mm	.08-.09 mm
	0.021-0.025 in.	0.021-0.025 in.	0.032-0.035 in.	0.032-0.035 in.
Maximum Load-Warp	48,000 N/meter	24,000 N/meter	80,780 N/meter	114,000 N/meter
	3,290 lb. force/ foot	1,645 lb. force/ foot	5536 lb. force/ foot	7,813 lb. force/ foot
Maximum Load-Weft	45,000 N/meter	20,000 N/meter	78,900 N/meter	86,000 N/meter
	3084 lb. force/ foot	1370 lb. force/ foot	5407 lb. force/ foot	5,894 lb. force/ foot
Elongation at break-Warp	6.67 %	6.67 %	6.67 %	6.67 %
Elongation at break-Weft	3.53 %	3.53 %	3.53 %	3.53 %
Breaking Elongation- Warp	13.54 mm	13.34 mm	13.34 mm	13.34 mm
	0.53 inch	0.53 inch	0.53 inch	0.53 inch
Breaking Elongation- Weft	7.07 mm	7.07 mm	7.07 mm	7.07 mm
	0.28 inch	0.28 inch	0.28 inch	0.28 inch
Standard Roll Dimensions	1 meter x 50 meters	1 meter x 50 meters	1 meter x 50 meters	1 meter x 50 meters
	3.28 ft. x 164 ft.	3.28 ft. x 164 ft.	3.28 ft. x 164 ft.	3.28 ft. x 164 ft.
Shipping Weight	27 lbs.	17 lbs.	45 lbs.	48 lbs.
Shipping Dimensions	42" x 8" x 8"	42" x 8" x 8"	42" x 12" x 12"	42" x 12" x 12"

Different widths and roll lengths available on special order