



Hercushield 4800

Heavyweight fabric incorporating a special weave pattern to enhance thickness, flatness, and tear properties. The weave also improves hydrostatic resistance.

FABRIC SPECIFICATIONS

WEAVE	Woven black HDPE scrim using 1600 denier tapes
COATING	2.5 mil average each side (59 g/m ² , each side)
COLOUR	Black or coloured coatings available
WEIGHT	10 oz/yd ² (340 g/m ²) +/- 5 %
THICKNESS	20 mils (0.51 mm) ASTM D5199

PERFORMANCE

GRAB TENSILE	Warp 340 lb 1600 N	Weft 340 lb 1578 N	ASTM D5034-95
WIDE TENSILE(per inch / 25.4 mm)	Warp 160 lb 711 N	Weft 160 lb 711 N	ASTM D4885-97
STRIP TENSILE, lb/inch(N/5cm)	Warp 260 (2280)	Weft 265 (2280)	ASTM D5035-95
PERMATIVITY	< 2 x 10 ⁻⁶ s ⁻¹		ASTM D4491
TONGUE TEAR	Warp 125 lb 556 N	Weft 125 lb 556 N	ASTM D2261-96
MULLEN BURST	670 psi 4623 kPa		ASTM D3786-01
PUNCTURE RESISTANCE	164 lbs 731 N		ASTM D4833-04
HYDROSTATIC RESISTANCE	240 psi 1655 kPa		ASTM D751-00
WATER VAPOUR TRANSMISSION	0.18 g/m ² /day		ASTM E96-95 B
ACCELERATED UV WEATHERING ¹	> 80 % strength retention after 2000 hrs		ASTM G53

¹ Q.U.V. [A-340 Lamps]: 8 hrs UV @ 60° C; 4 hrs condensation @ 50° C

ROLL SPECIFICATIONS

CORES 4 inch (101.6 mm) or 5 inch (127 mm) I.D.
 WIDTH Up to 144 inches (-0, +0.5) as ordered, 3.66 m, (-0, +12 mm)
 LENGTH Minimum 500 yds/roll (457 m); up to 1000 yds/roll (914 m)

These values are typical data and are not intended as limiting specifications.

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