



**ACADIAN INDUSTRIAL TEXTILES
BLACK HDPE KNITTED “167” SHADE FABRIC
SPECIFICATIONS**

STYLE #	16730	16740	16750	16760	16770
SHADE FACTOR	30%	40%	50%	60%	70%
WEIGHT ASTM D-5262	2.6 oz/yd ²	3.2 oz/yd ²	4.6 oz/yd ²	4.8 oz/yd ²	6.6 oz/yd ²
TENSILE STRENGTH ASTM D-4632, Grab Method	Warp: 64 lbs Fill: 53 lbs	Warp: 60 lbs Fill: 106 lbs	Warp: 107 lbs Fill: 127 lbs	Warp: 94 lbs Fill: 120 lbs	Warp: 148 lbs Fill: 209 lbs
ELONGATION ASTM D-4632, Grab Method	Warp: 37% Fill: 79%	Warp: 48% Fill: 46%	Warp: 36% Fill: 62%	Warp: 31% Fill: 73%	Warp: 52% Fill: 65%
PUNCTURE STRENGTH ASTM D-4833	46 lbs	63 lbs	80 lbs	67 lbs	106 lbs
TEAR STRENGTH ASTM D-4533	Warp: 40 lbs Fill: 27 lbs	Warp: 40 lbs Fill: 47 lbs	Warp: 54 lbs Fill: 58 lbs	Warp: 47 lbs Fill: 50 lbs	Warp: 73 lbs Fill: 77 lbs
BURST STRENGTH ASTM D-3786	194 psi	230 psi	306 psi	296 psi	461 psi
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U.V. INHIBITOR: 2% carbon black