



## DATA SHEET

### 8410 Black Mesh with Liner 270-37

Black Mesh 270-37 is designed with special knitting and balanced construction. High tenacity yarn is woven to 1000D\*1000D / 12\*12 threadcount, then coated with liquid PVC under special conditions to allow about 37% open space, with high air flow. The web is specially calendared to improve print performance for best viewing in reflected light, without excessive restriction to view through from the back side. Available with a 3 mil PVC removable liner in widths up to 98", the liner catches the ink blow-through on digital printing machines that are not equipped with an ink collector system. Available without liner, product code 8411. Compatible with solvent, eco-sol, UV and screen printing technologies. Liner is compatible with newer generation Latex printers when following HP recommendations for "heat sensitive" media, taking care to reduce the temperature in the curing zone, and printing with more passes / slower speed.

### USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	100% polyester yarn
Thread Count		12*12
Denier	DIN EN ISO 2060	1000 x 1000
Surface Material		PVC
Weight	DIN 53352	360 gsm / 11 oz per yd <sup>2</sup> with liner
Caliper	DIN 53370	400 μ / 16 mil with liner
Open Rate		37%
Air Flow Through		2360 mm/s
Tensile (warp / weft)	DIN 53354	1700 x 1500 N/5cm
Tear	DIN 53363	280 x 320 N
Adhesion Strength (Peel)	DIN 53357	N/A
Flame Resistance	NFPA 701	customized for NFPA701, B2 on request
Lo Temp (No Crack at ...)	ISO 13934-1:1999	-20 C
RF Weldable		Yes

### APPLICATION COMPATIBILITY

Parameter	Range	Other Factors
Typical Applications	Fence mesh, banner installations requiring air circulation	
Outdoor Durability	24 months or more, but largely dependent on environmental conditions, methods of installation, printing, and post-print finishing.	
Print Technology	Sol, Eco-Sol, UV, Latex, Screen	
Standard Widths	Stock widths 54", 72" x 164 ft. Other widths x lengths available special order.	

The information above is derived from internal testing by our company and based on information received from our suppliers. The values shown are for reference only, and are provided without guaranty and do not constitute a warranty, expressed or implied. The purchaser should determine, prior to use, the suitability of this material for his/her specific purpose. Data represents an average and is not intended for use as a specification.

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