Guandong
DIGITAL MEDIA FOR EUROPE
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TECHNICAL DATA SHEET

MESH COATED

Mesh 300

FLAME RETARDANT

CT-MS 300-FR
DIN 4102-B1

Item	Description	Specification	
Fabric Structure	**Fabric Tenacity (DIN EN ISO 2060)**	High Tenacity Yarns 100% PE (1000**D***1000**D**)	
	Construction (Weaving)	12*12/inch²	
	Weight of Fabric	125 gr/m²	
	Breaking Tensile Strength DIN 53354	Warp: 1900/Weft:1900	N/5 cm
	Tearing Strength DIN 53356	Warp: 250/Weft:250	N/5 cm
Banner Structure	**Type of Structure**	Cast Coated Fabric plus Final Coating	
	Total Weight of the Composite	300 ± 10 gr/m² (Fabric + Coated Vinyl)	
	Ratio (%) of perforated surface	perforated 58 %, mesh structure 42 %	
	Surface Finish	Matt	
	Colour	White (One Side Printing)	
	Weight of liner	100g/m² (for 1,37 m and 1,60 m width only, 3,20 m width optional)	
	Available Sizes	1,37 / 1,60 m x 30 m (with liner) 3,20 x 50 m (no liner)	

Applications	Good digital printable, high intensity and durability. Especially for indoor and outdoor applications such as signage, wide-format digital printing, banner, posters etc.
Storage Period	2 years at the temperature limit of -5 °C / +45 °C. To be kept in dry places and within the original packaging.
Technical Limitation	The product can resist at the operating temperature of -20 °C / +60 °C. The product can resist at the limit temperature of -30 °C / +70 °C for a very short time.
Printing Compatibility	- Suitable for Digital and Silk Screen printing. - Suitable for solvent, eco-solvent, UV inks and latex. - All tests are made with the original printer manufacturer's inks on the following equipments: Roland, Mimaki, Scitex, GDI, Vutex, Dust and HP. - Notes: due to the wide number of ink producers and Digital Printing machines, weather conditions and printing variability, testing before printing is recommended.
Options	The product is classified in class 1 (DIN 4102-B1) as flame retardant.
REACH Regulation	Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that the substance Bis(2-ethyl(hexyl)phthalate (DEHP) is present in a concentration of 16,30%. For further information, please refer to the certified copy available of the analyses worked out on the substances taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).
Notes	*Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty.* *Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.*

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