

NAOMI - ALL IN ONE TEXTILE

Tecnical bulletin

FLAG

ITEM	DESCRIPTION	NORM	UNIT	VALUE
PRODUCT	Article Code			SN-FG110-16
	Composition	DIN 60001	%	100% PCT POLYESTER
	Weight (fabric+coating)	DIN EN ISO 2286-2	gr/m ²	110
	Colour			WHITE
	Finishing			MATTE
	Thickness	ASTM D-1777	mm	0,34
	Available Sizes			1,60-3,20*50m
	Weaving			WARP KNITTED
BASE FABRIC TECHNICAL CHARACTERISTICS	Warp Yarn Count + Type	DIN EN ISO 2060	Dtex	44x44
	Weft Yarn Count + Type	DIN EN ISO 2060	Dtex	55x55
	Threads Warp	ASTM D-3887 SEZ. 12	n°	15
	Threads Weft	ASTM D-3887 SEZ. 12	n°	12,5
	Warp Tensile Strength	ISO 13394.1-2003	N	360
	Weft Tensile Strength	ISO 13394.1-2003	N	540
	Warp Elongation	ISO 13394.1-2003	%	34
	Weft Elongation	ISO 13394.1-2003	%	56
	Tearing Strength Warp	ISO 13397.2-2000	N	16
	Tearing Strength WEFT	ISO 13397.2-2000	N	18
	Bursting Strength	ASTM D3787-2007	N	658,6
	Flame Retardance	DIN 4102	CLASS	B1

PRODUCT DESCRIPTION	<p>What's Naomi? It's a fabric made from monoaxial polyester fibers. PCT* has been adopted (instead of the usual PET) because is an innovative resin, always belonging to the polyester family, but with superior characteristics: +18°C heat resistance and +20% tear resistance. PCT therefore allows the use of higher temperatures in the sublimation phase.</p> <p>* PCT: Polycyclohexylenedimethylene terephthalate, CAS number: 25135-20-0</p>
APPLICATIONS	The product is self-extinguishing in class B1 (DIN 4102-B1), therefore designed for indoor communications, especially in large public gatherings such as theatres, trade fairs and airports and outdoors (for applications not exceeding 12 months). Ideal for solutions with double-side effect (visibility on both sides), flags, backgrounds and covering.
PRINTABILITY	For sublimation: direct and indirect. For ink-jet: latex and UV inks. For screen printing: with all inks of the series.
STORAGE PERIOD	24 months under ordinary condition at the temperature mean of 22 °C (min. 12 °C, max. 32 °C) and relative humidity of 45 - 65%. The material must stay in its box and does not have to be at sun light, otherwise the coating can be damaged.
REACH NORMS	REACH - Complying with the Italian Decree-Law n. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that no SVHC are present in a concentration exceeding 0,1% in the base fabric nor in the coating. For further information, please ask for the updated regulation of SVHC taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).
NOTES	<i>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.</i>