

# SPORTS SURFACES

DATA SHEET

## BANDA GT 30

Seaming tape formulated to glue synthetic grass strips

### CHARACTERISTICS

Banda GT 30 is a seaming tape consisting of 100% polypropylene seamless non-woven fabric, with thermally bound fibres. The polypropylene structure of Banda GT 30 adheres to an underlying polyethylene film which ensures vapour barrier properties. The thermally-bound surface of the non-woven fabric is roughened in order to improve adhesion of the polyethylene and that of the glue used to join the 2 strips of synthetic grass.

### PROPERTIES

Characteristic	U.M.	Value	Method
Unit Surface Weight	g/m <sup>2</sup>	120	EN 965
Thickness below 2kN/m <sup>2</sup>	mm	0,4	EN 964-1
Thickness below 200kN/m <sup>2</sup>	mm	0,34	-

### MECHANICAL PROPERTIES

Characteristic	U.M.	Value	Method
Tensile Strength	KN/m	6	ISO 10319
Elongation	%	50	ISO 10319
Strength at 5% elongation	KN/m	3,1	ISO 10319
Energy Absorption	KN/m	4	ISO 10319
CBR Punching	N	950	ISO 12236
Dynamic Punching Strength	mm	40	EN 918
Grab test	N	500	ASTM D 4632
Tear Strength	N	220	ASTM D 4533

### DURABILITY – PROPERTIES OF BASIC NON-WOVEN FABRIC

Natural UV Rays	The product offers good resistance to direct sunlight for several months, but prolonged exposure, above all to tropical sunlight, may compromise resistance. No loss of resistance has been measured according to SN195808/ISO 105/B 04.
Sensitivity to acids and alkali	Not relevant
Lactic Acid (pH 2.4) 15 days at 50°C	Not relevant
Calcium Carbonate (pH 11.6) 15 days at 50°C	Not relevant
Calcium Hydroxide Ca (OH) <sub>2</sub> (pH 12.5) 10 g/l, 15 days at 25°C	Not relevant

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PRODUCT DESCRIPTION	
Polymer	100% polypropylene stabilised to UV rays
Specific Gravity	0,91
Melting Point	165°C
Type of Fibre	Seamless
Diameter of Fibres	40 - 50 micron
Cohesion of Fibres	Thermal Binding

*The data provided by these data sheets are approximate and the Company reserves the right to modify the same for technical reasons, without prior notice. The solutions proposed do not represent all the possible uses but are merely case studies deriving from Casali's installation experience and are therefore intended only for purposes of illustration. The user is exclusively responsible for the way the products illustrated are used, whether properly or improperly, for evaluating in advance the suitability or otherwise of the product for its requirements and exerting the utmost caution in handling chemical products. **Important: to ensure best colour uniformity of surface laid products, we recommend that you use materials from the same production lot as finishing layer. The Technical Office of Casali's Synthetics Division is at your complete disposal for any further specific information or explanations you may require (phone 071 9162095).***