



**URTEX  
HT**



**SINTEC**

*your waterproofing partner*

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## DESCRIPTION

URTEX HT, are punched woven nonwoven geotextiles, white polypropylene with high tenacity, used as a separating layer, drainage and antipuncturing protection for civil works.

## PROPERTIES

- Reinforcement: antipuncturing and tear resistance in boards (including bridges), embankments and slopes in roads and green walls.
- Filtration and drainage: using its cross permeability, allows the passage of water for driving, retaining fine soil particles.
- Separation: prevents mixing of different soil particles.
- Prevents contact between incompatible materials. Acts as permeable barrier between floors of different structure.
- Weather resistance over a period of approximately one month (UNE-EN ISO 12224)
- Durability provided a minimum of 25 years in natural soils with pH between 4 and 9 and Temp under 25 ° C (EN ISO 12226)

## INSTALLATION

- URTEX HT geotextile is placed loose, without tension, free of creases and wrinkles; try to place it in direct contact with the ground avoiding any empty space between the ground and the geotextile.
- Extend the material taking care of the continuity between sheets by simple overlap, seams or thermofusion.
- Minimum overlap of 50mm.
- 100% polypropylene composition: allows URTEX HT to be applied directly in contact with alkaline media (concrete, treated floors ...) without risk of hydrolysis

## STORAGE

- Store in the original packaging and protected from the weather until its use. Avoid the passage of heavy machinery once the geotextile is installed, as it may generate breaks or displacements.

# URTEX HT



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Norma UNE EN ISO	Grams	gr/m2		120	150	200	250	300	350	400	500	700	800
	Composition	%		100% PP	100% PP	100% PP	100% PP	100% PP	100% PP	100% PP	100% PP	100% PP	100% PP
9863-1	Thickness under 2 kPa	mm	±15%	1,05	1,15	1,37	1,6	2	2,19	2,3	3,3	4,6	5,5
10319	Tensile Strength DM	kN/m	±15%	6,5	7,2	12,7	15,2	22	25,8	29,4	35,0	48	54
10319	Tensile Strength DT	kN/m	±15%	11,4	13,8	19,5	22,5	27	29	36,5	46,0	65	75
10319	Elongation DM	%	±15%	38,5	55,6	58,7	60,1	67	65	68	75	100	120
10319	Elongation DT	%N	±15%	39,3	48	56,2	58,3	66	63	74	80	110	130
12236	Static Puncturing (CBR)	mm	-0,1	1500	1930	2580	3350	4300	4900	6150	7900	11000	13000
13433	Dinamic perforation	µm	0,2	25	24	18	14	13	9	2	0	0	0
12956	Opening measurement	m/s	±10%	90	85	80	78	75	70	65	61	57	54
11058	Water permeability		±10%	95.103	90.103	71.103	65.103	62.103	61.103	60.103	60.103	58.103	52.103
Roll presentation	Width	(m)		3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3
				6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6
	Length	(m)		125	125	100	100	75	75	60	60	50	50
	Weight	(kg)		50	62	66	83	75	87	80	100	115	132
				99	124	132	165	149	1	132	165	231	264