

Geotechnics

DuPont™ Typar® SF

DuPont™ Typar® SF is a thin, thermally bonded, water permeable nonwoven geotextile made of polypropylene filaments. Typar® SF is designed with a combination of a high initial modulus and a high elongation. This gives a resistance to damage during and after the installation. Typar® SF is a reliable solution for a broad array of engineering structures and installations, wherein it fulfills separation and filtration functions.

Descriptive properties	Test Method	Unit	SF27	SF32	SF45	SF56	SF65
Area Weight	EN ISO 9864	g/m ²	90	110	150	190	220
Thickness under 2kN/m ²	EN ISO 9863-1	mm	0,39	0,43	0,50	0,57	0,65
Polymer			100% polypropylene, UV stabilised				
Mechanical properties							
Energy Absorption	EN ISO 10319	kJ/m ²	1,8	3,6	4,8	5,8	8,6
Tensile strength	EN ISO 10319	kN/m	5,0	8,5	12,0	13,1	20,0
Elongation	EN ISO 10319	%	40	45	50	52	55
Strength at 5%	EN ISO 10319	kN/m	2,3	3,3	4,4	5,7	8,2
Puncture CBR	EN ISO 12236	kN	0,8	1,0	1,6	1,9	2,9
Dyn. Cone Puncture	EN ISO 13433	mm	45	35	30	22	22
Hydraulic properties							
Opening Size O90 Wet	EN ISO 12956	µm	175	140	130	80	75
Permeability (VH50)	EN ISO 11058	10 ⁻³ m/s	100	70	33	18	12
Roll Dimensions							
Width		m	5,20 (other widths available)				
Length		m	200	200	100	100	100
Area		m ²	1040	1040	520	520	520
Diameter		cm	38	29	27	29	32
Weight of roll		kg	154	111	78	112	148

There are more types available, please contact us for more information.

All information, illustrations and specifications are based on the latest product information available at the time of editing. The values given are indicative and correspond to average results obtained in laboratories and outside institutes. The right is reserved to make changes at any time without notice. All mechanical and physical properties are initial average values, standard variations in strength and physical properties of 10% have to be allowed for. No guarantee or liability can be drawn from the information mentioned herein.

