



SINCE
1950

GEOCHRAN

Nonwoven needle punched textile



Characteristic: Nonwoven textile mechanically bonded by needle punching and laminated by black PE foil

Material content: 100 % Recycled PP fibres
PE foil, black, 60 µm
Powder binder

Color: Various

Weight: 400 and 600 g/m²

Maximum width: 2 m

Function:



PROTECTION



SEPARATION

Use: In construction industry for special applications



Material specification sheet

Date: 25. 11. 2025



TRADITIONAL QUALITY NONWOVENS

GEOCHRAN

Nonwoven needle punched textile

GEOCHRAN		400	600
PHYSICAL PROPERTIES			
Weight [±10 %] / EN 29073-1	g/m ²	400	600
Thickness / EN ISO 9073-2	mm	3 ±0,4 mm	4 ±0,5 mm
MECHANICAL PROPERTIES			
Tensile strenght / EN 29073-3	MD CMD N/5cm	min. 300 min. 370	min. 700 min. 700
Elongation / EN 29073-3	MD CMD %	80 80	80 80
Resistance to static puncture (CBR test) / EN ISO 12236	kN	min. 1,15	min. 2,5
FUNCTION			
Separation	S	X	X
Filtration	F	X	X
Dranaige	D		
Reinforcement	R		
Protection	P		
CHARACTERISTICS			
Description	Nonwoven textile mechanically bonded by needle punching and laminated by black PE foil		
Material content	100 % Recycled PP fibres PE foil, black, 60 µm Powder binder		
Colour	Various		
DIMENSION, PACKAGING AND STORAGE			
Roll width	m	2	2
Roll lenght	m	50	25
Packaging	Rolls are wind up on paper tubes and packed in PE foil.		
Storage	In covered, clean and dry spaces		

The above technical parameters are average values and serve for general information. The manufacturer reserves the right to change it.