

MARKET SEGMENT : WATER MANAGEMENT
PRODUCT GROUP : NICOLON® WATER STORAGE LINERS/CAPPING

PRODUCT : NICOLON® C881/100

CONSTRUCTION	Unit		Standard
Basic material fabric		HDPE	
Basic material coating		LDPE	
Colour		black/black	
Weight	gr/m ²	295	EN 965
Thickness	micron	500	EN 964-1

MECHANICAL PROPERTIES

Machine direction:

Nominal tensile strength	KN / m	26	EN ISO 527-4
Elongation at			
Nominal tensile strength	%	28	EN ISO 527-4
Tear resistance MD	N	300	DIN 53363

Cross direction:

Nominal tensile strength	kN / m	22	EN ISO 527-4
Elongation at			
Nominal tensile strength	%	30	EN ISO 527-4
Tear resistance CD	N	300	DIN 53353
CBR	kN	3,0	EN ISO 12236

Dynamic perforation	mm	14	EN-ISO13433
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Water tightness air pressure	WD 5/Bar	2	TCG-NL19
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STANDARD ROLL AND PANEL SIZES

Roll length	m	500
Roll width	m	2.05
Maximum dimension panels	m ²	4000
Maximum width panels	m	50
Maximum weight panels	kg	1200

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