

MACTEX[®] H40.1
NEEDLEPUNCHED & THERMOCALENDERED NONWOVEN GEOTEXTILES

Mechanical and Hydraulic properties		40.1
Tensile strength - MD (ISO 10319)	kN/m	15
Elongation - MD (ISO 10319)	%	40-65
Tensile strength - CMD (ISO 10319)	kN/m	15
Elongation - CMD (ISO 10319)	%	40-65
CBR Static puncture resistance (ISO 12236)	kN	2.6
Dynamic puncture resistance (ISO 13433)	mm	17
Permeability (normal to the plane) (ISO 11058)	l/(m ² .sec)	54
Opening pore size O ₉₀ (ISO 12956)	micron	70
Physical properties - typical		
Polymer raw material	Virgin polypropylene with added UV stabilizer	
Mass per unit (EN ISO 9864)	g/m ²	200
Thickness @ 2kPa (EN ISO 9863-1)	mm	1.0
Roll Dimension		
Width	m	1.3 / 2.6 / 5.2
Length	m	150

Nonwoven geotextiles manufactured with virgin high tenacity polypropylene assembled by a needlepunched treatment and thermocalendered.

Note:

Loading plan by truck and container are available on request. Intermediate dimensions are available on request.



As part of our partners' ISO 9001 Management Systems and guided research and development programmes, information contained herein is continuously updated. Above technical values are mean values and are indicative. The right is reserved to make changes without notice at any time. Please confirm with African Gabions the latest version of the product specification available.