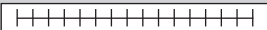


# CIRTEX WICK DRAIN

TECHNICAL DATA SHEET	G 035 001
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## Product Description

Cirtex Wick Drain (Prefabricated Vertical Drain or Wick Drain) is designed for expediting consolidation of slow draining soils. Cirtex Wick Drain has a unique continuous corrugated plastic core encased with a durable geotextile.

PHYSICAL PROPERTIES	STANDARD	UNIT	SPECIFICATIONS
Core Type			Fish Bone Corrugations
Core Configuration			
Width	ASTM D-3774	mm	100 ± 5.0
Thickness	ASTM D-5199	mm	3.3 ± 0.5
Material			PP/PET
<b>HYDRAULIC PROPERTIES DRAIN</b>			
Discharge Capacity (300 kPa i = 1.0)	ASTM D-4716	m <sup>3</sup> /yr	>3150
<b>MECHANICAL PROPERTIES</b>			
Grab Tensile Strength (Filter)	ASTM D-4632	kN	0.3 ± 0.05
Tensile Strength (Assembled Drain)	ASTM D-4595	kN/Full Width	>2.5 ± 0.3
<b>HYDRAULIC PROPERTIES FILTER</b>			
Opening Size O90	ASTM D-4751	µm	<80
Permeability	ASTM D-4491	m /s	>2 x 10 <sup>-4</sup>

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