

# FIBERTOP® strip drain properties

DRAIN Property	Test Method	Unit	Fibertop Strip Drain
<b>CORE</b>			
Thickness	ASTM D 1777	in (mm)	1 (25.4)
Compressive Strength	ASTM D 1621	psf (kN/m <sup>2</sup> )	9,500 (455)
Installed Vertically	ASTM D 4716	gpm/ft (L/s.m)	82 (1300)
Installed Horizontally	ASTM D 4716	gpm/ft (L/s.m)	21 (260)
<b>FABRIC</b>			
Apparent Opening Size	ASTM D 4751	US Std Sieve (mm)	70 (0.21)
Water Flow Rate	ASTM D 4491	gpm/ft <sup>2</sup> (L/s.m <sup>2</sup> )	140 (5698)
Grab Tensile Strength	ASTM D 4632	lbs. (kN)	100 (0.45)
Grab Elongation	ASTM D 4632	%	50
Puncture Resistance	ASTM D 4833	lbs. (kN)	65 (0.30)
<b>SYSTEM</b>			
Performance Index			12,750

## FIBERTOP® Soil Strip Drain

FIBERTOP® strip drain is a prefabricated, high-flow drainage system that offers better drawdown of water than pipe while costing around 60% less to install. FIBERTOP® strip drain consists of a formed polymeric core surrounded by a geotextile filter fabric. This multichannel structure provides significantly increased water flow.

The tough filter fabric covering prevents core clogging while allowing water entry through every inch of its surface. The core allows water to flow to designated drain exits.

FIBERTOP® strip drain size		
Thickness	Width	Length
1"	6"	150'

With a crush strength of 9,000 kN/m<sup>2</sup> fibertop core easily withstands the pressures of backfilling and compaction during installation with no loss of flow area.