



H.D.P.E Hi-DRAIN '50' & '75" Drainage Core Technical Specifications

Base Material	500µ HDPE	750 µ HDPE
Mass per Unit Area	475g/m ²	713g/m ²
Colour	Black	Black
Length of Rolls	43m	43m
Width of Rolls	1.20mm	1.20mm
Overall Core Thickness (uncompressed)	4.10mm	4.35mm
Thickness under 200 kPa (20m Water Head) for 10 000hrs Clause 514 Specification for Highway Works (UK) (Short term equivalent load = 400 kPa)	Not yet tested	3.59mm
Compressive Yield Strength	590kPa	922KPa
In Plane Water Flow BS 6909 Part 7 1990 (Hydraulic Gradient = 1) (Under normal stress = 200 kPa)	3,8 x 10 ⁻⁴ m ³ /s/m	3,8 x 10 ⁻⁴ m ³ /s/m
Cuspate Height (uncompressed)	3,6mm	3,6mm
Air volume (uncompressed)	2,77 l/m ²	2,77 l/m ²
Void Ratio (uncompressed)	79,2%	79,2%
Chemical Resistance	Chemically Inert Non-Toxic Does not support bacterial growth	Chemically Inert Non-Toxic Does not support bacterial growth
Shipping Specifications Weight per 43m Roll – 50m ² Dimensions per roll (width x diameter)	26kg 1,25m x 0,45m (incl. 35mm overlap on either side)	40kg 1,25m x 0,45m (incl. 35mm overlap on either side)

The values quoted correspond to average results obtained from independent laboratory tests and are indicative. No liability can be accepted from information supplied as the conditions of use and installation of the material are outside Aquatan's control.

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