

# 1-Ton Flexible Rope Net HDPE

**Application** River Training, Erosion-Control, Bank-Protection, Flood Control and Embankment-Works  
**Raw Material** High Density Polyethylene

Parameter	Value	Test-Method
Tensile Strength MD	25 kN/m	EN ISO 10319
Tensile Strength CMD	8.5 kN/m	EN ISO 10319
Elongation at Maximum load MD	15%	EN ISO 10319
Elongation at Maximum load CMD	75%	EN ISO 10319
Mass / Unit	195 g/m <sup>2</sup>	ISO 9864
Thickness @ 2 kPa	2.8 mm	ISO 9863-1
Static Puncture Strength (CBR)	1.5 kN (-0.2 kN)	EN ISO 12236
Characteristic Opening Size O90, Maximum	No Performance Determined	EN ISO 12956
Water Permeability (qN), Minimum	No Performance Determined	EN ISO 11058
Dynamic Perforation Resistance (cone drop test)	No Performance Determined	EN ISO 13433
Resistance to Weathering	Retained Strength: 85%	EN 12224
Durability	Expected Durability of the product is minimum 100 years in soil and in submerged conditions with temperature < 25 0C	Product shall be covered within 1 month following installation (EN 12224 test results under certification).

The performance of the product identified above is in conformity with the set declared performances. This declaration of performance is issued, in accordance with the (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

**Notes:**

\* All values are average-values

-Dimensions can vary based on type of fill material