

Silt Curtain Extra Heavy Duty Woven

This is our most robust curtain for extended life and usage, tougher than welded PVC, this product is woven on the diagonal to prevent tearing, further it is wedge welded (as used in reservoir lining) creating virtually indestructible seams. It has been deployed in estuaries and tidal situations where it has stood up well to the harsh environments. The curtains can be deployed time and time again with considerable care and yet they are an economical alternative to all other systems.

The curtains are fabricated from a one piece geotextile (for added strength), or in joinable panels to the customer's preference. This product is very marginally permeable on deployment but blinds through biofilm accretion within a few days. Although permeable to water it acts as a filter membrane and therefore silt does not pass through it from the outset.

Mechanical Properties	Test method	value
Tensile strength MD	EN ISO 10319	110,0 kN/m
Tensile strength CD	EN ISO 10319	110,0 kN/m
Elongation MD	EN ISO 10319	12,0 %
Elongation CD	EN ISO 10319	8,0 %
Static puncture resistance - CBR	EN ISO 12236	12,50 kN
Dynamic perforation resistance	EN ISO 13433	10,0 mm
– cone drop		
Thickness under 2 kPa	EN 964/1	1,53 mm
Weight	EN 965	464,0 g/r

Composition 100% cross woven polypropylene
Durability estimated 5yrs plus in water Floatation is created via integral Cross-Linked Closed Cell Nitrogen Foamed Polyethylene floats which cannot be punctured or compromised. Displacement values of the floats are according to site conditions – displacement values can be 20kg/m – 145kg/m +. Ballast chain is integral for internal weight and additional anchor attachments at any point along the ballast chain at centres dictated by the local conditions of the project

