

Silt Curtain Extra Heavy Duty Welded PVC

This is one of our most robust curtains for extended life and usage where deterioration through UV exposure is an issue. The fabric is wedge welded creating virtually indestructible seams (as used in reservoir lining). It has been deployed in estuaries and tidal situations where it has stood up well to the harsh environments it has been deployed in, also for extended use of circa 10yrs in the water on The Norfolk Broads. It is 100% non-permeable from the outset and thus ideal for biological barriers. The curtains can be deployed time and time again with considerate care. However we do offer superior and yet more economical solutions if usage beyond a year or so is not required.

Yarn	1100d/tex high tenacity polyester
Base fabric weight	270g/m ²
Total weight BS. 3424/5A	900g/m ²
Tensile Strength N/ 50mm BS. 3424/6B	Warp 4000 Weft 3500
Tear strength N (av.) BS. 3424/7B	Warp 600 Weft 500
Coating Adhesion N/50mm BS. 3424/9B warp	Warp 90 Weft 90

All seams are wedge welded– (no adhesives are used in fabrication) Curtain are welded in one piece with no joins, if required, or in joinable panels to the customer preference Integral Cross-Linked Closed Cell Polyethylene Nitrogen Expanded Foam which cannot be punctured or compromised. We do not use the less environmentally acceptable polystyrene. Displacement values of the floats are according to site conditions – displacement values of between 20kg/m – 145kg/m have been produced to date. Ballast chain is integral for internal weight and additional anchor attachments. Additional anchor points can be attached at any point along the ballast chain at centres dictated by the local conditions of the project.

