

Type 3 Turbidity Curtain



Heavy Duty Curtains

ABASCO Type 3 Turbidity Curtains, also referred to as Type III Turbidity Curtains, combine our standard high-strength fabric with heavy duty tension members (above and below the flotation and at the bottom of the curtain), fabric reinforcement, and stress plates at the bottom skirt corners. They are ideal for silt and sediment control during dredging and marine construction activities in rivers, bays and waterways with moderate current, wind and wave activity.

ABASCO Type 3 Barrier

Application: Open water exposed to moderate wind, waves and moving water

Depth Range: 3’ – 130’

Type 3	Fabric	Float	Chain	Cable	Options
Regular Duty	22oz	8”, 10”, 12”	3/8” – 1/2”	5/16”	Float, Chain
Heavy Duty	22oz or greater	10” – 24”	3/8”, 1/2”	5/8” Dual 5/16”	Float, Chain, Skirt Fabric
Filter Fabric Skirt	Woven or Nonwoven	8” – 24”	5/16” – 5/8”	Dual 5/16”	Float, Chain, Skirt Fabric

Type 3 Heavy Duty Turbidity Curtain Specifications

Fabric for float and chain pockets	22 oz/sq yd PVC-coated polyester
Fabric for skirt area	As above, or woven/nonwoven filter fabric
Flotation	8-in to 12-in diameter (depending on skirt depth) expanded polystyrene (EPS) foam contained in individually sealed float pockets
Top tension	Two 5/16-in galvanized steel cable (9,800 lb breaking strength) contained in polyethylene tubes; one above and one below the float
Bottom tension and ballast	3/8-in galvanized steel chain (10,600 lb breaking strength); 1.41 lb/ft weight
End connectors	High-tensile-strength aluminum universal connector at float and top tension cable. ASTM 3/8-in stainless steel locking pins. Lacing grommets on reinforced fabric on skirt. Chain ends shackled section-to-section on the type III turbidity curtains. Tool-free connections. All corners reinforced with 40-oz PVC fabric. Aluminum stress plates at bottom corners.
Section length	50 ft and 100 ft, standard
Skirt depth	To 100 ft; Can be tapered to conform to bottom profile.
Furling lines	Available on request
Available accessories	Anchor systems, ropes, marker buoys, solar-powered lights, repair kits.

Type 3 Medium Duty Turbidity Curtain Specifications

Fabric for float and chain pockets	22 oz/sq yd PVC-coated polyester
Fabric for skirt area	As above, or woven/nonwoven filter fabric
Flotation	8-in to 12-in diameter (depending on skirt depth) expanded polystyrene (EPS) foam contained in individually sealed float pockets
Top tension	A 5/16-in galvanized steel cable (9,800 lb breaking strength) contained in polyethylene tubes; located above the float
Bottom tension and ballast	3/8-in galvanized steel chain (10,600 lb breaking strength); 1.41 lb/ft weight
End connectors	High-tensile-strength aluminum universal connector at float and top tension cable. ASTM 3/8-in stainless steel locking pins. Lacing grommets on reinforced fabric on skirt. Chain ends shackled section-to-section on the type III turbidity curtains. Tool-free connections. Aluminum stress plates at bottom corners.
Section length	50 ft and 100 ft, standard
Skirt depth	To 100 ft; Can be tapered to conform to bottom profile.
Furling lines	Available on request
Available accessories	Anchor systems, ropes, marker buoys, solar-powered lights, repair kits.