

# Type 1 Turbidity Curtain



Type 1 turbidity curtains, also referred to as type 1 silt curtains, are floating barriers that are designed to control various sediments or runoff in calm waters. There are two versions of type 1 curtains, including Type 1: Economy and Type 1: DOT. Type 1 DOT curtains are used in areas that require DOT (Department of Transportation) regulations. ABASCO offers Type 1 Economy and Type 1 DOT curtains for all calm water applications.

## TYPE 1 TURBIDITY CURTAIN APPLICATIONS

- Small Ponds
- Calm Water Lakes
- [Construction Sites](#)
- Roadside Construction Projects
- Protected Inland Areas

# Type 1: Barrier

**Application:** Ponds, shallow lakes, small streams and marshes  
**Depth Range:** 2’ – 20’

Type 1	Fabric	Float	Chain	Cable	Options
DOT Version	18oz Laminate	6” – 8”	1/4”	X	Float Size
Economy	14	4” – 6”	3/16”	X	Float Size

# Type 1: DOT Curtain

ABASCO Type 1 DOT Turbidity Curtains, also known as Type I Turbidity Curtains, are suitable for use in protected waters where the effects of wind, waves, and current are minimal. High-quality 18 PVC-coated polyester fabric, bottom tension member, and marine-grade flotation provide a strong, durable curtain that is ideal for silt and sediment control during dredging and marine construction activities.

Fabric	18 oz/sq yd PVC Laminated polyester fabric. Optional filter fabric for skirt
Flotation	6-in expanded polystyrene (EPS) foam contained in individually sealed float pockets
Tension/ballast	1/4-in Grade 30 galvanized steel chain: 5,200 lb breaking strength; 0.63 lb/ft weight
End connection	Lacing grommets on rope-reinforced ends located at both ends of each barrier section. Ballast chain is shackled section-to-section on the type I turbidity curtains.
Section length	25 ft, 50 ft and 100 ft
Skirt depth	To 20 ft. Depth can be tapered to conform to bottom profile.

# Type 1: Economy Curtain

ABASCO Type 1 Economy Turbidity Curtains, also known as Type I Turbidity Curtains, are suitable for use in protected waters where the effects of wind, waves, and current are minimal. High-quality PVC-coated polyester fabric, bottom tension member, and marine-grade flotation provide a strong, durable curtain that is ideal for silt and sediment control during dredging and marine construction activities.

Fabric	14oz/sq yd PVC Laminated polyester fabric. Optional filter fabric for skirt
Flotation	4-in expanded polystyrene (EPS) foam contained in individually sealed float pockets
Tension/ballast	3/16-in Grade 30 galvanized steel chain: 3,200 lb breaking strength; 0.33 lb/ft weight
End connection	Lacing grommets on rope-reinforced ends located at both ends of each barrier section. Ballast chain is shackled section-to-section on the type I turbidity curtains.
Section length	25 ft, 50 ft and 100 ft
Skirt depth	To 20 ft. Depth can be tapered to conform to bottom profile.