

400EO Silt Fence



400EO Silt Fence: Monofilament Silt Fence

400EO Silt Fence (TPG400EO) is a woven monofilament silt fence engineered for performance and longevity. The monofilament yarns offer improved filtration, UV resistance and excellent tensile strength when compared to slit films which can become clogged when filtering high volumes of runoff.

Applications

- Long term DOT and highway projects
- Multi-phase renewable energy projects
- Commercial infrastructure projects
- Sites bordering wetlands and critical environmental areas
- Behind steep slopes and embankments that are subject to high flow
- Sites with high water tables and variable topography

Features and Benefits

- High tensile strength (compared to standard slit film silt fences)
- Long term filtration
- Superior resistance to installation damage
- 1/4" indicator line for proper burial depth
- 2" delineation line for visibility



Approved for Type A and Type B Silt Fence

Property	Test Method	Unit	Values
Mechanical			
Grab Tensile Strength (MD/CD)	ASTM D4632	lbf (kN)	370/180 (1.65/0.80)
Grab Elongation (MD/CD)	ASTM D4632	%	19/10
Trapezoidal Tear (MD/CD)	ASTM D4533	lbf (kN)	115/75 (0.51/0.33)
CBR Puncture Strength	ASTM D6241	lbf (kN)	675 (3.00)
Hydraulic			
Apparent Opening Size (AOS)	ASTM D4751	US Sieve (mm)	40 (0.425)
Permittivity	ASTM D4491	1/sec	2.1
Water Flow Rate	ASTM D4491	gpm/ft ² (lt/m ² s)	154.6 (105)
Physical			
Mass/Unit Area	ASTM D5261	oz/sq.yd (g/m ²)	5.6 (190)
Endurance			
UV Resistance	ASTM D4355	%	>80
Standard Packaging			
		ft (cm)	36 x 500 (91.5 x 152.4)