

SILT FENCE

Prevent the release of silt and sediment from a construction site with a Layfield silt fence. This temporary sediment control device protects surrounding neighborhoods, streams, and catch basins from silt contamination by collecting and filtering sediment from sheet flow runoff. This way, you can avoid expensive cleanup costs and potential harm to the environment.

April 2023		Silt Fence	
Style	ASTM	SF 100-10' OC	SF 124 – 6' OC
Grab Tensile (MD/CD)	D4632	116/120 lbs 516/534 N	125/125 lbs 556/556 N
Grab Elongation (MD/CD)	D4632	23.7%/24.1%	21%/21%
Trapezoidal Tear	D4533	58 lbs 258 N	65 lbs 289 N
Puncture Strength	D4833	53 lbs 236 N	65 lbs 289 N
AOS - maximum	D4751	N/A	30 US Sieve 600 microns
Permittivity - minimum	D4491	N/A	0.05 s ⁻¹
UV Resistance - minimum	D4355	N/A	70% after 500 hours of exposure
Roll Sizes		3 x 100 ft 0.91 x 30 m	3 x 100 ft 0.91 x 30 m
Roll Weight		27 lbs (3.05 m stakes) 45 lbs (2 m stakes)	27 lbs (3.05 m stakes) 45 lbs (2 m stakes)
Stake Spacing ^{1,2}		3.05 m or 2 m typical (10 or 6.5 feet typical) Custom spacing available	3.05 m or 2 m typical (10 or 6.5 feet typical) Custom spacing available
Stake Properties		1.5" x 1.5" Nominal 4 feet long	1.5" x 1.5" Nominal 4 feet long

Note 1: For Alberta Transportation projects, geotextile properties above for SF 124 are MARV and SF124 post spacing is maximum 2 metres.

Note 2: Other arrangements include; Alternate stake spacing, Sewn pockets, Wire mesh backing, Different styles of posts, Various fabric widths and reinforcements.

Note 3: Layfield has additional silt fence products to suit regional requirements. Contact your Layfield representative for more information.

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