



ASSEMBLED SILT FENCE

MECHANICAL PROPERTIES	ASTM TEST METHOD	FABRIC
WEIGHT	D5261	3.0oz/101gsm
GRAB TENSILE	D4632	130lb/580N
GRAB ELONGATION	D4632	> 18%
UV RESISTANCE	D4355	> 80% strength retention after 500 hours
CBR PUNCTURE RESISTANCE	D6241	325lb/1440N
TRAPEZOID TEAR	D4533	65lb/290N
APPARENT OPENING SIZE	D4751	30 US Sieve
PERMITTIVITY	D4491	0.1 sec ⁻¹
WATER FLOW	D4491	10 gal/sqft/min, 406 l/min/m ²

These values are MARV data and are not intended as limiting specifications.

PHYSICAL PROPERTIES	UNIT	SF-001* Premium Grade	SF-002 Contractor Grade
ROLL SIZES	ft (m)	3' x 100' (0.9m x 30m)	3' x 100' (0.9m x 30m)
ROLL WEIGHT	lb (kg)	45 lb (20 kg)	27 lb (12 kg)
STAKE SPACING	ft (m)	6' (2m) 17 Posts	10' (3.05m) 11 Posts
STAKE PROPERTIES	in (cm)	1.5" x 1.5" Nominal (3.8cm x 3.8cm) SPF	1.5" x 1.5" Nominal (3.8cm x 3.8cm) SPF

*SF-001 meets Alberta Transportation Specification. The posts should not be spaced greater than 6' (2m) apart.

POTENTIAL USAGE: The silt fence can be used to protect streams, rivers, lakes and other water resources from contamination by silt, sediment and construction debris.

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