



# WBSF™ STANDARD

## Woven Belted Silt Fence (WBSF™)

### REINFORCED SILT FENCE

NTPEP Compliant

## WBSF™ System

Five  
>350 lb. tensile strength belts woven into the fabric



Part# WBSFSD

### Structural Integrity – Stormwater Release – Sediment Retention

- ▶ Internal belts used as attachment points allow fabric to hold maximum loads without additional reinforcement - provide linear support to disperse weight of stormwater and sediment over the full system.
- ▶ Internal belts used as attachment points allow fabric to hold maximum loads without additional reinforcement
- ▶ **Replacement for wire back silt fence**
- ▶ Enhanced durability reduces cost associated with replacement and repairs



Master Rolls	500'	1000'
No Splices - faster install	✓	✓
May be used with <b>Metal Posts</b>	✓	✓
May be used with <b>Wood Posts</b>	✓	✓

Pre-Assembled	48' Long	100' Long
<b>4' Centers</b> - Oak/Hardwood Posts	✓	
<b>6' Centers</b> - Oak/Hardwood Posts		✓

Independent third party test results.

# WBSFSD "Standard"



Property	Test Method	Values
Apparent Opening Size (Sieve)	ASTM 4751	30 sieve
Permittivity (gpm/min/ft <sup>2</sup> )	ASTM D4491	≥140
Woven-in Belt Grab Tensile Strength MD	ASTM D4632	≥350 lbs. *
Woven-in Belt Grab Elongation MD	ASTM D4632	≤22%*
Grab Tensile Strength MD	ASTM D4632	≥375 lbs.
Grab Elongation MD	ASTM D4632	≤25%
Grab Tensile Strength XD	ASTM D4632	≥195 lbs.
Grab Elongation XD	ASTM D4632	≤15%
Mullen Burst Strength	ASTM D3786	≥400 lbs. *
Trapezoidal Tear MD	ASTM D4533	≥125 lbs.
Trapezoidal Tear XD	ASTM D4533	≥85 lbs.
50mm Puncture	ASTM D6241	≥780 lbs.
Mass/Area (oz/yd <sup>2</sup> )*	ASTM D5261	≥5.5*
Wide Width Tensile Properties (lb/ft)*	ASTM D4595	≥3000*
Wide Width Tensile Properties (ppi)*	ASTM D4595	≥250*
UV Resistance (%)	ASTM D4355	≥80%

\* Typical Values

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