



SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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Woven Coated Polyethylene

TYPICAL APPLICATIONS:

- Aquaculture
- Soil Remediation
- Oil and Gas
- Exposed Applications
- Water Management
- Fracking

Woven Coated Typical Material Properties

STYLE	ASTM	12WC	20WC	24WC	30WC	40WC	45WC
Thickness	D1777	12 mil	20 mil	24 mil	30 mil	40 mil	45 mil
Grab Tensile	D7004	MD 180 lb TD 125 lb	MD 250 lb TD 300 lb	MD 335 lb TD 350 lb	MD 295 lb TD 320 lb	MD 680 lb TD 650 lb	MD 635 lb TD 605 lb
Strip Tensile	D7003	MD 140 lb TD 100 lb	MD 175 lb TD 230 lb	MD 240 lb TD 270 lb	MD 210 lb TD 258 lb	MD 460 lb TD 450 lb	MD 385 lb TD 360 lb
Tongue Tear	D5884	MD 50 lb TD 50 lb	MD 65 lb TD 75 lb	MD 145 lb TD 150 lb	MD 65 lb TD 85 lb	MD 150 lb TD 155 lb	MD 100 lb TD 100 lb
Mullen Burst	D751	275 psi	550 psi	670 psi	610 psi	1250 psi	1250 psi
Hydrostatic Resistance	D751	130 psi	139 psi	262 psi	423 psi	685 psi	880 psi
Puncture Resistance	D4833	76 lb	154 lb	194 lb	165 lb	347 lb	380 lb
Carbon Black Content	D4218	2.79%	3.6%	2.5%	3.1%	3.0%	4.47%
Dimensional Stability	D1204	MD: -3.60% TD: -2.42%	MD: -4.3% TD: -1.8%	MD: -3.6% TD: -1.0%	Warp: -4.4% Weft: -1.8%	MD: -3.8% TD: -1.8%	MD: -2.1% TD: -3.1%
Low Tem. Flex	D2136	MD & TD: Pass @ -40°C (-40°F)	MD & TD: Pass @ -65°C (-85°F)	MD & TD: Pass @ -65°C (-85°F)	Warp & Weft: Pass @ -65°C (-85°F)	MD & TD: Pass @ -65°C (-85°F)	Passes -40°C (-40°F)

Preserving water resources for future generations