

Technical Specifications for
Nedia KoirPad™ 640

Nedia KoirPad™ 640 is a needle-punched coir matrix bonded with a natural latex binder. 100% natural, organic and biodegradable, it can be used for rapid re-vegetation of disturbed sites, wetland remediation and as a biodegradable media for live stake layering. It is flexible and has excellent moisture retention and sediment trapping qualities.

Property	Test Method	Typical Value	
		English Units	Metric Units
Thickness	ASTM D 5199	0.25 in	0.64 cm
Mass per unit area	ASTM D 5261	20.6 oz/sq.yd	700 gms/sq.m
Wide Width Tensile Strength (MD x CD)	ASTM D 4595	384 x 216 lbs/ft	5.59 x 3.15 KN/m
Maximum Elongation (MD x CD)	ASTM D 4595	13% x 14%	
Trapezoidal Tear Strength (MD x CD)	ASTM D 4533	32 x 28 lbs	142 x 125 N
Permittivity	ASTM D 4491	3.98/sec	
Permeability	ASTM D 4491	1.34 in/sec	3.41 cm/sec
Flow Rate	ASTM D 4491	297 gal/min/sq.ft	12 cu.m/min/sq.m
Water Holding Capacity	ASTM D 4250	166 oz/sq.yd	5.63 kg/sq.m

Standard Roll Size: 3' x 100' (0.92m x 30.5m)



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