

PERMANENT TURF REINFORCEMENT MAT COMPARISON

PRODUCT CATEGORY	FILL	NETTING LAYERS	NETTING MATERIAL	TYPICAL APPLICATION	FHWA-FP14 / ECTC CATEGORY	SHEAR STRESS (lbs/ft²)	EQUIVALENT & COMPARATIVE PRODUCTS
PERMANENT TRM							
PP5-8	100% synthetic UV stabilized fill 8oz/yd^2	Double	UV stabilized polypropylene	1:1 and Greater Slopes, Medium to High Flow Channels, Stream Banks, Shorelines	5A / 5A	8.0 (vegetated)	Equivalents: P300LW®, ETPP-8 Comparables: AEC Recyclcx®, Landlok 435, EG-2P8, Recyclcx-TRM-V
PP5-10	100% synthetic UV stabilized fill 10oz/yd^2	Double	UV stabilized polypropylene		5C / 5C	12.0 (vegetated)	Equivalents: P300LW®, ECP-2 10 oz, ETPP-10 Comparables: AEC Recyclcx, Landlok 450, Landlok 1050, EG-2P10, WINFAB PP-10
PP5-12	100% synthetic UV stabilized fill 12oz/yd^2	Double	UV stabilized polypropylene		5C / 5C	12.0 (vegetated)	Equivalents: P300®, ECP-2, ETPP-12 Comparables: Landlok® 450, EG-2P12
ECSC-3	70% straw 30% coconut coir	Triple	UV stabilized polypropylene		5C / 5D	10.0 (vegetated)	Equivalents: ETTT-SC Comparables: PS42
ECC-3	100% coconut coir	Triple	UV stabilized polypropylene		5C / 5D	12.0 (vegetated)	Equivalents: ETTT-C Comparables: PC42
ECP-3	100% synthetic coir	Triple	UV stabilized polypropylene		5C / 5D	14.0 (vegetated)	Equivalents: ETTT-PP Comparables: P42
S200	100% straw	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	10.0 (vegetated)	Unique and exceeds Triple Net TRMS
SC250	70% straw 30% coconut coir	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	10.0 (vegetated)	Unique and exceeds Triple Net TRMS
C350	100% coconut coir	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5D	12.0 (vegetated)	Unique and exceeds Triple Net TRMS
P550	100% synthetic	Composite Triple	UV stabilized polypropylene, Corrugated Center Net		5C / 5E	14.0 (vegetated)	Unique and exceeds Triple Net TRMS
PERMANENT HIGH PERFORMANCE TRM (HPTRM)							
TMAX-3K	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns	1:1 and Greater Slopes, Medium to High Flow Channels, Stream Banks, Shorelines	5C / 5F	14.0 (vegetated)	Equivalents: PP5-Pro Comparables: Pyramat 25, T-RECS, W3000, WINFAB Diamondback 2018
TMAX	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	16.0 (vegetated)	Comparables: Pyramat 75, WINFAB Diamondback 4031
PP5-Pro	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	14.0 (vegetated)	Equivalents: TMAX-3K Comparables: Pyramat 25, T-RECS, W3000, WINFAB Diamondback 2018
PP5-Xtreme	NA	Woven	UV stabilized polypropylene high denier, mono-filament yarns		5C / 5F	17.0 (vegetated)	Comparables: Pyramat 75, WINFAB Diamondback 4031