

TECHNICAL DATA SHEET
EnviroWrap Solutions Limited, Sheeting System

Compiled by: AEA-EW **Product Information by:** JW - RKW

Material: Code 500AFR-T-AC-D06-08

Identification: Polyethylene – Special Blend Fractional Resins White/Light Cream

Application: Heavy Duty Structures.	Unit	Typical Values	Test Method
Characteristics			
<u>General Properties</u>			
Density	g/cm3	Ca 0.992	DIN 53479
Gauge. - Mean	µm +/-	500	DIN 53370
Weight - Mean	g/m2	503	
Tolerance	+/-	7.0%	
<u>Mechanical Properties</u>			
Coefficient of Friction Stat.		>0,35	DIN 53375 A
Coefficient of Friction Dyn.		>0.35	DIN 53375 A
Impact / drop dart test	N	Fmax =200	NFP 84-507
Tensile Strength MD	MPa	21.6	DIN EN ISO 527
TD	MPa	18.2	DIN EN ISO 527
Elongation at Break MD	%	642	DIN EN ISO 527
Elongation at Break TD	%	612	DIN EN ISO 527
Weld Seam Break Point 45cm Seam	N	2125 Max 1990 Min	BRE 236617/R1
Weld Patch Tie Break Point	N	1995 Mean load	BRE 236617/R1
<u>Thermal Properties</u>			
Seal Level Min	C	135 C	
Seal Range Min - Max	C	135 C – 150 C	
Shrink @ 140 C – 30 Sec		MD 40% TD 10%	
EnviroWrap Limited			Certifications: ISO9001:2000
German Testing Station; Materialprüfungsamt Nordrhein Westfalen			Flame Resistance Certifications DIN 4102 B1
UK Testing Station; BRE/Loss Prevention Certification Board			LPS1207 & LPS1215
Euro Safety Mark: AIB-Vinçotte – ECOSAFER, Brussels			Safety Guarantee VGS Safety Guarantee
MD = Machine Direction TD = Transversal Direction			

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