

**M-530 Potable Grade  
90 MIL5 ply HYPALON®  
Black/White, REINFORCED  
POLYESTER 1,000d**

**PHYSICAL PROPERTIES OF BURKE FIELD SHEET (.090NOMINAL)**

Membrane is. 090in. nominal thickness, scrim-reinforced, uncured (thermoset) black Hypalon

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHODS</u>	<u>MINIMUM VALUE</u>	<u>Average VALUE</u>
Thickness			
1) Overall (Mils)	ASTM D-751	88	90 nom.
2) Min over Scrim	optical method	11	pass
Tensile Properties	ASTM D-751		
Machine Direction		520	600
Cross machine Direction		500	550
Tear Strength			
Machine Direction			
Cross Machine Direction	ASTM D-751 Tongue Tear	125 115	155 155
Low temperature bend, 1/8 in. mandrel	ASTM D-2136	-40°F pass	pass
Hydrostatic resistance, min.	ASTM D-751 Method A	500	600
Ozone resistance*	ASTM D-1149 1/8" bent loop 100pphm 104F, 7 days 7x mag.	no effect	pass
Bonded Seam Strength Min.	ASTM D 751 Modified 12in./min.	90% breaking strength	620
Dimensional stability Max.	ASTM D-1204 24 hrs @ 129.2F or 212F 1 hour	less than 2	less than 1
Puncture resistance, min.	FTMS 101b, Method 2031	450 lbs..	530 lbs.
Ply Adhesion	ASTM D-413	8 lbs.	10 lbs.