

**M-423 Potable Grade  
60 MIL3 ply HYPALON®  
Black, REINFORCED  
POLYESTER 1,000d**

**PHYSICAL PROPERTIES OF BURKE FIELD SHEET (.060NOMINAL)**

Membrane is. 060in. 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	58	60 nom.
2) Min over Scrim	optical method	11	pass
Tensile Properties	ASTM D-751	270	300
Machine Direction Elongation at Break		75	100
Tear Strength Machine Direction	ASTM D-751	90	110
Low temperature bend, 1/8 in. mandrel	ASTM D-2136	-40°F pass	pass
Hydrostatic resistance, min.	ASTM D-751 Method A	300	450
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.	220	240
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	240lbs.	275 lbs.
Ply Adhesion	ASTM D-413	8 lbs.	10 lbs.