

**M-284 Potable Grade
45 MIL HYPALON®
Black, REINFORCED
POLYESTER 1,000d**

PHYSICAL PROPERTIES OF BURKE FIELD SHEET (.045NOMINAL)

Membrane is. 045in. 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	41	45 nom.
2) Min over Scrim	optical method	11	pass
Tensile Properties Machine Direction	ASTM D-751 Grab Method	250	275
Elongation at Break		60	90
Tear Strength, minimum	ASTM D-751 Tongue Tear	75 lbs.	105
Low temperature bend, 1/8 in. mandrel	ASTM D-2136	-40°F pass	pass
Hydrostatic resistance, min.	ASTM D-751 Method A.	375 psi	425
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.	225	275
Dimensional stability Max.	ASTM D-1204 24 hrs @ 129.2F or 212F 1 hour	2.0	less than 1
Puncture resistance, min.	FTMS 101b, Method 2031	225lbs	275lbs.
Ply Adhesion/min	ASTM D-413	8 lbs.	10 lbs.