

**M-283**

36 MIL HYPALON®  
 Black, REINFORCED  
 POLYESTER 1,000d

PHYSICAL PROPERTIES OF BURKELINE FIELD SHEET (.036 NOMINAL)

Membrane is .036 in. 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	34	36 nom.
2) Min over scrim	optical method	11	pass
Tensile Properties			
Machine Direction	ASTM d-751	225	250
Elongation at Break	grab Method	50	75
Tear Strength, minimum	ASTM D-751	75 lbs.	85
	Tongue Tear		
Low temperature bend, 1/8 in. mandrel	ASTM D-2136	-40°F pass	pass
Hydrostatic resistance, min.	ASTM D-751 Method A	300	405
Ozone resistance*	ASTM D-1149, 1/8" bent loop 104 F, 7, days, 7 mag.	No effect	pass
Bonded Seam Strength, Min.	ASTM D 751 Modified 12in.min	200	225
Dimension stability/max.	ASTM D-1204 24 hrs @ 129.2F or 212F 1 hour	2.0	less than 2
Puncture resistance, min	FTMS 101b, method 2031	200lbs.	250lbs
Ply Adhesion	ASTM D-413	8lbs.	10lbs.