TECHNICAL DATA SHEET

STOCK NO. 7672XXX **DEC, 2023**

Prevent MP-250-Cap

PrevENt MP-250-Cap is a hot mopped or cold applied cap sheet constructed with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. During the manufacturing process, expandable graphite is added above the reinforcement to impart excellent exterior fire-resistant properties. Specially formulated for superior fire resistance, PrevENt MP-250-Cap is coated top and bottom with select SBS polymers and premium asphalt. This product meets CSA A123.23 Type B Grade 1 and qualifies for a Class A rating, in select UL systems, in accordance with CAN/ULC S107M, UL790 test protocols.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	10 (32.6)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	3.8 (150)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.72 (107)
Mass Per Unit Area:	kg/m^2 (lb/100ft^2)	CSA A123.23	ASTM D5147	4.62 (94.6)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	37.5/24.8 (214/162) 34.0/23.5 (194/134)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	24.9/21.4 (142/119) 27.7/18.9 (158/108)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	26.1/16.7 (149/95.5) 25.9/16.9 (148/96.6)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	31.7/21.4 (181/122) 32.0/20.1 (183/115)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	63.7/66.0 57.3/63.0
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	46.5/60.5 52.0/57.0
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	65.2/75.9 58.4/64.8
Low Temperature Flexibility MD/XD: Before heat conditioning After heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18 -18/-18
Low Temperature Flexibility after UV Weathering:	°C	CSA A123.23	ASTM D5147	-12
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.33/-0.07
Compound Stability:	°C	CSA A123.23	ASTM D5147	102
Granular Embedment	g (oz)	CSA A123.23	ASTM D4977	0.245 (0.00864)
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass