

PrevENT TP-250-Cap

PrevENT TP-250-Cap is a heat welded cap sheet constructed with a tough non-woven reinforced polyester mat strengthened with selected glass fiber strands. During the manufacturing process, expandable graphite is added above the reinforcement to impart excellent exterior fire resistance properties. A light micro-perforated film is bonded to the underside and disappears upon heat welding. This product meets the requirements of CSA A123.23 Type B Grade 1.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	8 (26.2)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	4.0 (158)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.24 (88.2)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	4.95 (118)
Back Surface Coating Thickness:	mm (mils)	CSA A123.23	ASTM D5147	1.24 (48.8)
Strain Energy, @ 23 °C MD/XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	25.8/21.8 (147/124)
Before heat conditioning				34.6/17.7 (198/101)
After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	24.2/15.6 (138/89.1)
Strain Energy, @ -18 °C MD/XD:				12.7/17.1 (72.5/97.6)
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	18.6/14.5 (106/82.8)
After heat conditioning				27.7/16.0 (158/91.2)
Peak Load, @ 23 °C MD/XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	23.1/18.4 (132/105)
Before heat conditioning				17.9/24.9 (102/142)
After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	57.7/67.0
Peak Load, @ -18 °C MD/XD:				51.0/46.0
Before heat conditioning	%	CSA A123.23	ASTM D5147	30.0/49.0
After heat conditioning				46.0/38.0
Elongation @ Peak Load @ 23 °C MD/XD:	%	CSA A123.23	ASTM D5147	59.6/69.2
Before heat conditioning				51.6/47.1
After heat conditioning	%	CSA A123.23	ASTM D5147	-18/-18
Elongation @ Peak Load @ -18 °C MD/XD:				-18/-18
Before heat conditioning	%	CSA A123.23	ASTM D5147	-12
After heat conditioning				0.02/0.38
Low Temperature Flexibility MD/XD:	°C	CSA A123.23	ASTM D5147	102
Before heat conditioning				0.25 (0.00882)
After heat conditioning	°C	CSA A123.23	ASTM D5147	Pass
Low Temperature Flexibility after UV Weathering:				
Dimensional Stability MD/XD:	°C	CSA A123.23	ASTM D5147	
Compound Stability:	%	CSA A123.23	ASTM D5147	
Granular Embedment	°C	CSA A123.23	ASTM D4977	
Resistance to puncture:	g (oz)	CSA A123.23	CSA A123.23	

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