



IKO TECHNICAL DATA SHEET

STOCK NO. 79201XX

MAY, 2023

ArmourStick HD-Cap

ArmourStick HD-Cap self-adhering cap sheet is a high-performance membrane constructed of a sturdy, nonwoven, reinforced composite mat strengthened with select glass fiber strands and coated with SBS polymers and premium asphalt. ArmourStick HD-Cap is offered in all standard colours currently available throughout the commercial product line. Armourstick HD-Cap sheet offers an isolated film strip on the underside, allowing contractors to easily access the side lap for heat welding, ensuring a reliable, easy-to-install product. This product meets the requirements of CSA A123.23 Type C Grade 1.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	8 (26.2)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	4.5 (177)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	3.42 (135)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	5.78 (118)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	24.7/23.2 (141/132)
After heat conditioning				25.7/16.6 (147/94.8)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	29.9/23.8 (171/136)
After heat conditioning				23.8/19.2 (136/110)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	17.2/14.7 (98.5/84.2)
After heat conditioning				18.9/13.2 (108/75.6)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	27.8/21.2 (159/121)
After heat conditioning				21.7/16.1 (124/92.2)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	58.7/63.0
After heat conditioning				52.7/45.7
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	62.0/66.5
After heat conditioning				52.0/59.5
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	75.6/103
After heat conditioning				55.9/58.5
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Low Temperature Flexibility after UV Weathering:	°C	CSA A123.23	ASTM D5147	-12
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	-0.05/-0.11
Compound Stability:	°C	CSA A123.23	ASTM D5147	102
Granular Embedment	g (oz)	CSA A123.23	ASTM D4977	0.420 (0.0148)
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

IKO's products adhere to the industry standards of the jurisdiction in which they are sold by IKO. Numerical testing scores listed herein, if any, relate only to the samples tested and the standards & procedures listed herein. IKO does not guarantee that every IKO product will, upon similar testing, reveal an identical score to those set forth herein. IKO does not accept responsibility for any matters arising or consequences from the use of numerical testing scores.