



IKO TECHNICAL DATA SHEET

STOCK NO. 7730093

MAR, 2023

Fast-N-Stick 180-Base

Fast-N-Stick 180-Base is manufactured from a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions. It is coated top and bottom with select SBS polymers and premium asphalt to a thickness of 2.5 mm (98 mils). Fast-N-Stick 180-Base is a strong, "lay flat" base sheet to be used as a mechanically fastened base sheet in the Fast-n-Weld System. The top surface of Fast-N-Stick 180-Base is covered with a thin layer of micro-perforated film, which disappears upon heat welding of the cap sheet. The bottom surfacing is sanded to prevent sticking in the roll. This product meets the requirements of CSA A123.23 Type B Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	15 (49)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	2.5 (98.4)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.32 (91.3)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	2.93 (60.1)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	32.1/15.8 (183/90.2)
After heat conditioning				17.6/8.71 (100/49.7)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	15.2/9.68 (86.8/55.3)
After heat conditioning				15.4/7.02 (87.9/40.1)
Peak Load, @ 23 °C MD/XD: Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	20.0/10.7 (114/61.0)
After heat conditioning				17.3/8.90 (98.7/50.8)
Peak Load, @ -18 °C MD/XD: Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	19.8/11.1 (113/63.3)
After heat conditioning				18.9/9.61 (108/54.9)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning	%	CSA A123.23	ASTM D5147	66.3/64.3
After heat conditioning				35.7/40.3
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning	%	CSA A123.23	ASTM D5147	31.0/53.0
After heat conditioning				34.0/40.5
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning	%	CSA A123.23	ASTM D5147	68.9/66.3
After heat conditioning				41.3/41.2
Low Temperature Flexibility MD/XD: Before heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.03/-0.51
Compound Stability:	°C	CSA A123.23	ASTM D5147	102
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.

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