



IKO TECHNICAL DATA SHEET

STOCK NO. 7710001

DEC, 2023

Modiflex MF-95-SS-Base

Modiflex MF-95-SS-Base is constructed using an inorganic reinforcing mat of high strength non-woven glass fibers. Modiflex MF-95-SS-Base is an excellent choice for the "lay flat" base sheet in a BUR system or two-ply modified system. This base sheet is coated top and bottom with select SBS polymers and premium asphalt. Both sides of the product are sand covered to allow application via mopping or an IKO-approved cold process adhesive. This product meets the requirements of CSA A123.23 Type A Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	15 (49)
Width:	mm (in)	-	-	1000 (39.4)
Thickness:	mm (mils)	-	-	2.2 (87)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.00 (78.7)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	2.30 (47.0)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	0.45/0.48 (2.57/2.74)
After heat conditioning				0.82/0.66 (4.68/3.77)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	0.63/0.52 (3.60/2.97)
After heat conditioning				1.19/0.73 (6.80/4.17)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	12.9/9.54 (73.7/54.5)
After heat conditioning				14.4/9.67 (82.0/55.2)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	27.1/15.5 (155/88.3)
After heat conditioning				19.4/12.6 (111/71.9)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	2.84/2.86
After heat conditioning				3.00/3.00
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	5.42/5.55
After heat conditioning				4.5/5.00
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	14.3/19.6
After heat conditioning				3.68/5.66
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	-0.13/-0.31
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91
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.