

**STOCK NO. 7750053**
**DEC, 2022**

## Torchflex TP-180-SF-Base (3.0mm)

Torchflex TP-180-SF-Base (3.0 mm) is a durable and reinforced heat welded base sheet. This product is made with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands and coated top and bottom with select SBS polymers and premium quality asphalt to an approximate thickness of 3.0 mm (118 mils). Torchflex TP-180-SF-Base sheet's top surface is sanded to prevent sticking in the roll during application. The underside of the product is covered with a micro-perforated film surface that conveniently disappears upon torch welding to the substrate. This product satisfies the requirements of CSA A123.23 Type B, Grade 3.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Length:	m (ft)	-	-	10 (32.8)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	3.0 (118)
Selvage Width:	mm (in)	-	-	90 (3.5)
Strain Energy, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	19.4/15.8 (111/90.4) 14.5/11.2 (83/64)
Strain Energy, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	20.5/12.4 (117/70.8) 8.30/8.34 (47.4/47.6)
Peak Load, @ 23 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	84.6/62.5 (483/357) 92.2/54.0 (526/312)
Peak Load, @ -18 °C MD/XD: Before heat conditioning After heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	123/81.4 (702/465) 99.4/68.6 (568/392)
Elongation @ Peak Load @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	55.4/62.3 24.7/37.3
Elongation @ Peak Load @ -18 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	37.0/51.5 7.00/39.5
Ultimate Elongation @ 23 °C MD/XD: Before heat conditioning After heat conditioning	%	CSA A123.23	ASTM D5147	62.0/78.8 36.0/43.2
Selvage Thickness	mm (mils)	CSA A123.23	ASTM D5147	2.98 (117)
Mass Per Unit Area	g/m <sup>2</sup> (lb/ft <sup>2</sup> )	CSA A123.23	ASTM D5147	3815 (0.78)
Back Surface Coating Thickness	mm (mils)	CSA A123.23	ASTM D5147	1.38 (54.3)
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	-0.35/0.29
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	-18
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	102
Resistance to puncture:	-	CSA A123.23	ASTM D5602	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.*