



STOCK NO. 7610XXX

JULY, 2016

TORCHFLEX TP-180-CAP

Torchflex TP-180-Cap is constructed using a reinforcing mat of durable non-woven polyester, which is coated and impregnated with SBS modified bitumen. Colored ceramic mineral granules cover the surface to provide superior protection against ultraviolet rays, while the underside is covered with a thin poly-film, which disappears upon heat welding. Torchflex TP-180 Cap can be used as the top ply in a B.U.R. system or the top ply in a two-ply modified system. This product will easily satisfy the requirements of CGSB-37.56-M for Class G, Type 2, and Grade 2 materials as well as the requirements of ASTM D6164 for Type I, Grade G materials. IKO's products are produced and designed with consideration for environmental responsibility and sustainability, incorporating quality recycled components whenever possible, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
ROLLS PER PALLET:	-	32	-	-	N/A
PALLET SIZE:	cm (in)	132 x 112 (52 x 44)	-	-	-
LENGTH:	m (ft)	8 (26.2)	-	-	± 1%
WIDTH:	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
WEIGHT:	kgs (lbs)	39.3 (86.4)	-	-	-
AREA:	m ² (ft ²)	8 (86)	-	-	-
THICKNESS:	mm (mils)	4.0 (158)	-	-	± 0.4 (16)
SELVAGE:	mm (in)	90 (3.5)	-	-	± 5 (1/4)
COLD FLEX:	°C (°F)	-30 (-22)	ASTM D6164	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @23°C (MD/XD):	kN/m	8.1 / 8.8	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH MD: XD:	kN/m (lbf/in)	16 (91) 13 (74)	ASTM D6164	ASTM D5147	MIN: 8.8 (50)
ULTIMATE ELONGATION (MD/XD):	%	60 / 70	ASTM D6164	ASTM D5147	MIN: 35
TEAR STRENGTH MD: XD:	N (lbf)	74 (17) 81 (18)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
TENSILE-TEAR MD: XD:	N (lbf)	511 (115) 377 (85)	ASTM D6164	ASTM D5147	MIN: 246 (55)
LAP STRENGTH (5D@23°C)	MD: XD: kN/m (lbf/in)	23 (131) 23 (131)	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
GRANULE LOSS:	g	0.4	ASTM D6164	ASTM D5147	MAX: 2.0
STATIC PUNCTURE:	N (lbf)	≥ 300 (67)	CGSB-37.56-M	CGSB-37.56-M	≥ 150 (34)*

* CGSB-37.56-M revision, 9th draft, dated January 1997.

** Although both ASTM and CGSB have requirements for a particular test, only the more stringent is indicated.