



STOCK NO. 7620XXX

JULY, 2016

TORCHFLEX TP-250-CAP

This product is reinforced with a tough non-woven polyester mat, which has been strengthened with selected glass fiber strands. It is then coated and impregnated with SBS modified bitumen to a thickness of 4.0 mm (158 mils). Ceramic, mineral granules are embedded in the surface to provide protection against ultraviolet radiation, and a light poly-film is bonded to the underside (which disappears upon heat-welding). TP-250-Cap can be used as a protective cap 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 II, 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)	37.2 (82)	-	-	-
AREA:	m ² (ft ²)	8 (86)	-	-	-
THICKNESS:	mm (mils)	4.0 (158)	-	-	± 0.4 (16)
COLD FLEX:	°C (°F)	-30 (-22)	ASTM D6164	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @23°C (MD/XD):	kN/m	11.0 / 11.4	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5**
TENSILE STRENGTH MD: XD:	kN/m (lbf/in)	20 (114) 21 (126)	ASTM D6164	ASTM D5147	MIN: 17.5 (100)
ULTIMATE ELONGATION (MD/XD):	%	63 / 73	ASTM D6164	ASTM D5147	MIN: 60
TEAR STRENGTH MD: XD:	N (lbf)	80 (18) 90 (20)	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
TENSILE-TEAR MD: XD:	N (lbf)	551 (124) 546 (123)	ASTM D6164	ASTM D5147	MIN: 311 (70)
LAP STRENGTH (5D@23°C) MD: XD:	kN/(lbf/in)	34 (194) 34 (194)	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)	≥ 400 (90)	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 may have requirements for a particular test, only the more stringent is indicated.

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