



IKO TECHNICAL DATA SHEET

STOCK NO. 77900XX

APRIL, 2020

TORCHFLEX ULTRA TP-HD-CAP

Torchflex Ultra TP-HD-Cap satisfies the requirements of CSA 123.23 Type C, Grade 1.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	NOMINAL VALUE/ TEST PERFORMANCE
Rolls per Pallet:	-	-	-	32
Pallet Size:	cm (in)	-	-	132 x 112 (52 x 44)
Length:	m (ft)	-	-	8 (26.2)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	4.0 (158)
Selvage Width:	mm (in)	-	-	90 (3.5)
Strain Energy, before heat condition, @ 23 °C MD & XD:	kN/m	CSA A123.23	CSA A123.23	33 & 27
Strain Energy, before heat condition, @ -18 °C MD & XD:	kN/m	CSA A123.23	CSA A123.23	29 & 28
Peak Load, before heat condition, @ 23 °C MD & XD:	lbf/in	CSA A123.23	ASTM D5147	111 & 98
Peak Load, before heat condition, @ -18 °C MD & XD:	lbf/in	CSA A123.23	ASTM D5147	152 & 144
Elongation @ Peak Load, before heat condition, @ 23 °C MD & XD:	%	CSA A123.23	ASTM D5147	70 & 69
Elongation @ Peak Load, before heat condition, @ -18 °C MD & XD:	%	CSA A123.23	ASTM D5147	68 & 68
Ultimate Elongation before heat Conditioning @ 23 °C MD & XD:	%	CSA A123.23	ASTM D5147	100 & 86
Low Temperature Flexibility:	°C	CSA A123.23	ASTM D5147	-20
Dimensional Stability MD & XD:	%	CSA A123.23	ASTM D5147	-0.2 & -0.3
Resistance to puncture:	-	CSA A123.23	CSA A123.23	pass
Granule Loss:	g	CSA A123.23	ASTM D5147	0.5

Note: Torchflex Ultra TP-HD-Cap is available in black and additional colours. Contact your IKO representative for details.

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