Torchflex™ TP-HD-Cap

HEAT WELDED CAP SHEET

IKO COMMERCIAL®

Specify *with* Confidence.

STOCK# **7780XXX**

ROLLS PER PALLET: **32**

PALLET SIZE: **132 cm x 112 cm (52 in x 44 in)**

LENGTH: **8 m (26.2 ft)**

WIDTH: **1005 mm (39.6 in)**

AREA: **8 m² (86 ft²)**

MEMBRANE COVERAGE: **7.25 m² (78 ft²)**

THICKNESS: **4.0 mm (158 mils)**

SELVAGE: **90 mm (3.5 in)**

Note: All reported values are nominal.

Strong, stable and UV resistant, let the Torchflex TP-HD-Cap Heat Welded Cap Sheet go to work for your next commercial roofing project.

- DIMENSIONALLY STABLE
- COMPOSITE REINFORCED

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Superior Strength

Torchflex TP-HD-Cap is a heat welded cap sheet constructed with a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions. The composite reinforcement imparts tremendous strength and shock absorbing properties to the membrane as well as excellent dimensional stability both before and after application.

Protects Against UV Radiation

Ceramic coated mineral granules are embedded in the surface of Torchflex TP-HD-Cap to provide protection against ultraviolet radiation.

Features Protective Coating

The mat layer of Torchflex TP-HD-Cap is coated top and bottom with select SBS polymers and premium asphalt to a finished thickness of 4 mm (158 mils).

Easy to Apply

Torchflex TP-HD-Cap is meant to serve as the top ply in a two-ply SBS modified bitumen system. A light micro-perforated film is bonded to the underside and conveniently disappears upon heat welding.

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Torchflex TP-HD-Cap satisfies the requirements of CSA A123.23 Type C Grade 1.

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL PERFORMANCE
Strain Energy, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 5.5 (> 31)
Strain Energy, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 3.0 (> 17)
Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 13 (> 75)
Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 18 (> 103)
Elongation at Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 50
Elongation at Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 49
Ultimate Elongation, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 53
Mass Per Unit Area:	g/m² (lb/ft²)	CSA A123.23	ASTM D5147	2900 (0.60)
Dimensional Stability:	%	CSA A123.23	ASTM D5147	< 0.5
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -18 (< 0)
Low Temp. Weathered Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -12 (< 10)
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	> 91 (> 195)
Granule Loss:	g (oz)	CSA A123.23	ASTM D5147	< 2 (< 0.07)
Resistance to Puncture:	-	CSA A123.23	CSA A123.23	pass