



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.

The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.