

# Product Data Sheet

# DURAFLEX® 90TG SBS BASE

<b>Physical Properties (ASTM D5147):</b>	<b>Test Results</b>	<b>ASTM D6163 Minimum Standard</b>
Tensile Strength (lb/in), 0°F (MD/XMD)	120/110 lb/in	70 lb/in
Tensile Strength (lb/in), 73°F (MD/XMD)	105/75 lb/in	30 lb/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	4%	1%
Elongation (% @ Max Load), 73°F (MD/XMD)	3%	2%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	5/7	3%
Tear Strength (lb), (MD/XMD), 73°F, minimum	105/85 lb	35 lb
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	<0.2%	1%
High Temperature Stability, (°F)	250°F (121°C)	215°F

DuraFlex® 90TG SBS Base is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane. Manufactured with a fiberglass mat that is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. It is designed for use as a base sheet or interply sheet in modified bitumen torch applied roof systems.

## Product Name: DuraFlex® 90TG SBS Base

**Classification:** Torch Grade SBS Modified Bitumen Base Sheet

**Application Method:** DuraFlex® 90TG SBS Base is applied using torch welding techniques.

**Approvals:** Meets ASTM D 6163 Type I, Grade S. DuraFlex® 90TG SBS Base is UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-8077, and Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

## Product Data: DuraFlex® 90TG SBS Base (typical)

Thickness: 3.0 mm (120 mils)

Weight: 85 lbs/roll (38.5 kg/m²)

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m). Each roll is approximately 1 square unapplied.

**Green Standards Information:** DuraFlex® 90TG SBS Base contains approximately 9% of recycled materials by product weight. Materials are comprised of pre consumer recycled materials. The pre consumer recycled materials are derived from reclaimed non-hazardous coal combustion by-product waste which averts disposal of coal by-product waste in landfills or commercial dumps.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification

and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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