

## SPORTOE® E BOX TOE MATERIAL

The new and improved Sportoe material is an extension of our Verge and Vantage family. It is a high quality thermoplastic material that provides excellent shape retention of the last, remains resilient, and has a great feel. It is everything you want from a box toe material and more. In addition to all the performance advantages of unmatched resiliency, shape retention and moisture resistance, Sportoe has a 50+% recycled content and is available in our Zero Waste program. All in all Sportoe provides a very green, high quality and cost effective solution for your box toe and reinforcement needs.

Standard offerings are listed below but custom options can be made available to suit the application.

GRADE	GAUGE (±7.5%)
SPORTOE® 15 E	0.27 mm
SPORTOE® 20 E	0.37 mm
SPORTOE® 25 E	0.44 mm

### Composition

A proprietary blend of resins with a hot melt adhesive on both sides. This material construction best aligns with some footwear designs where a backer is not required and double side adhesive aligns better with factory defined processing. This material provides a very thin and flexible support for toe box and reinforcement use. The adhesive offers superior bonding strength to all upper and lining materials including the most difficult uppers such as high oil content leathers.

### Work Preparation

**Cutting:** Sportoe can be cut in vertical or horizontal direction. This will allow for optimum cutting yields.

**Heat Activation:** Recommend Bond Line temperature of 80°C but product is designed to work within a range of 80°C -90°C.

**Cold Mold:** Recommend to use cold mold with temperature of -5°C and sufficient dwell time to secure minimum bond-line temperature of 30°C.

**Orientation:** Product has hot melt adhesive on both sides. It can be bonded to upper using heat press in either direction between upper and lining.

### Zero Waste Program

This product is eligible for Stanbee Zero Waste program and can be ordered as cut part instead of the sheet format. This allows all the cutting waste to be recycled in house and provides a greener solution. All that is required is a DXF file and the appropriate information required for printing on the part.

### General Information

**Sheet Size:** 40" x 60" (101.6cm x 152.4cm)

**Area:** 1.852 SY – 1.548 SM

**Packaging:** Sheets are put on pallets of 500 sheets per pallet.

**Storage:** Store in a dry cool area. Shelf life is unlimited.

**Patent:** Sportoe® products are approved and protected under US patent 7,975,404, other foreign patents and US / foreign applications pending.

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*P+663.8465.621-5 F+663.8465.6*