

## NITRO SPORT™ COUNTER and TOE BOX MATERIAL

NITRO SPORT™ is a new, revolutionary extruded thermoplastic material that uses our patented foaming process of infusing NITROGEN gas into the polymer core of the material. The NITROGEN gas displaces a portion of the polymer core and still maintains the Stanbee edict of thinner, stronger, more resilient and now with the nitrogen gas infused, even lighter in weight. NITRO SPORT™ provides excellent shape retention, is very resilient and has a great flexible feel.

In addition to all the performance advantages of unmatched resiliency, shape retention and moisture resistance, NITRO SPORT™ also contains over 66% recycled content and is available in our Zero Waste Net Part Program. Nitro Sport provides a very sustainable, high quality and cost-effective solution for your counter and box toe needs.

Standard offerings are listed below but custom options with and without laminates can be made available to suit the application.

| GRADE            | GAUGE (±5%) |
|------------------|-------------|
| NITRO SPORT™ 0.4 | 0.40 mm     |
| NITRO SPORT™ 0.6 | 0.60 mm     |
| NITRO SPORT™ 0.8 | 0.80 mm     |
| NITRO SPORT™ 1.0 | 1.00 mm     |

### Composition

The polymer core is a proprietary blend of resins infused with Nitrogen gas and is surrounded on both sides with our proprietary hot melt adhesive that will bond to all uppers, including oily leathers.

### Work Preparation

**Cutting:** Nitro Sport™ is a multi-directional material. It can be cut in horizontal, vertical and diagonal direction. This will allow for optimum cutting yields.

**Heat Activation:** Recommend Bond Line temperature of 85°C, +/- 5C.

**Cooling.:** Product should be allowed to cool for sufficient time to allow bond-line temperature reaches roughly 30°C. before de-lasting to ensure shape is confirmed and set.

### Zero Waste Program

Nitro Sport™ is part of our Zero Wast Program and is ordered by the part instead of sheet format. This allows all the cutting waste to be recycled in house and provides a more sustainable solution. All that is required is a DXF file of the full size run and we will deliver ready for production toe puff and counters.

### **General Information**

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**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. Recommended shelf life is 2 years.  
**Patent:** NITRO SPORT™ products are protected under US Patent Number 12,138,900.