

Rhenoflex V 5000 – Recyclable Toe Puffs

Fully recyclable, high quality thermoplastic toe puff material. Available in a variety of grades to meet the highest demands for premium shoes.

- Solvent free processing, no additional adhesive required
- Recycling is possible, even if the product is supported by a fabric
- Full re-use of recycled material in the same product

The material being supplied edge welded (no staples), pairs per sheet is optimized.

Types available with thickness

Rx V 5500 Semi-hard toe puffs	<i>one side bonding</i>	
	Rx V 5521	0.55 – 0.70 mm
	Rx V 5531	0.70 – 0.85 mm
	Rx V 5541	0.85 – 1.00 mm
	Rx V 5551	1.00 – 1.15 mm
	Rx V 5561	1.15 – 1.30 mm
Rx V 5600 Firm to hard toe puffs	Rx V 5571	1.30 – 1.45 mm
	Rx V 5621	0.65 – 0.75 mm
	Rx V 5631	0.75 – 0.85 mm
	Rx V 5641	0.85 – 0.95 mm
	Rx V 5651	0.95 – 1.10 mm
	Rx V 5661	1.10 – 1.25 mm
Rx V 5900 Soft to flexible toe puffs	Rx V 5671	1.25 – 1.40 mm
	Rx V 5921	0.40 – 0.50 mm
	Rx V 5931	0.50 – 0.60 mm
	Rx V 5941	0.60 – 0.70 mm
	Rx V 5951	0.70 – 0.80 mm
	Rx V 5961	0.80 – 0.90 mm
	Rx V 5971	0.95 – 1.05 mm
	Rx V 5981	1.10 – 1.25 mm

Method for use: Use a fusing press for ironing on:

Required interface temperature for bonding: 95 -100°C

Temperature of the press: 130-140°C, pressure of approx. 5bar

Dwell time: 5 - 12 sec.

Dwell Time can be shortened and temperature can be reduced by preactivating the material on a hot plate or in a flash activator.

Clamp heater reactivation before lasting:

Temperature at the device: 120-140°C

Dwell time: 8 -15 sec.

All data may vary according to substance of material and type of upper.

Delivery: In sheets of 1.50x1.00m, 10 sheets edge-welded together on pallets or as ready made toe puffs – already cut and skived.

Cutting: Cut toe puffs always diagonally.

Skiving: The bonding side has to be skived, so the non-woven will remain. Use fine rippled steel bottom roller and e.g. Fortuna skiving foot 361 HP.

Waste: Store in clean and separate location as any case of contamination prevents recycling.

Manufacturers warranty: Due to the great number of materials being used for shoe manufacturing the possibilities of chemical reactions and incompatibilities between components should be always tested beforehand. We are not liable for damages arising by non observance of our instructions for applications or from reactions beyond our influence and control.

Storing: Under normal conditions the storage is unlimited. Avoid direct storing in the sun. We guarantee for the goods 6 month after delivery date.