



BATA INDUSTRIALS
THE SAFETY SHOE

MATERIAL PASSPORT

ENDURO PWR 428 S3

Model Description

Article No.	N7SMKRA2210
Article Name	PWR428
Collection Name	ENDURO PWR
Size Range	38–48 W/XW
Prime Supplier	Bata Ind. Best NL

The PWR428 is a welding safety shoe and is ideally suited for the metal industry. Velcro closure for easy on/off. The PWR428 as has aluminium toe cap and a steel insert.



Materials Overview

		grams per shoe	% of shoe			grams per shoe	% of shoe
Closing	Polyester	10gr	1%	Toecap	Aluminium	72gr	10%
Inlay sole	PU – 85% GRS recycled	36gr	5%	Anti-penetration	Steel	64gr	8%
Lining	Polyester – 65% GRS recycled	20gr	3%	Insole	Polyester – 100% recycled	20gr	3%
Upper part	Leather	154gr	21%				
Midsole	PU – 20% bio-based	160gr	21%				
Outsole	Rubber – 70% recycled 20% bio-based	130gr	17%				

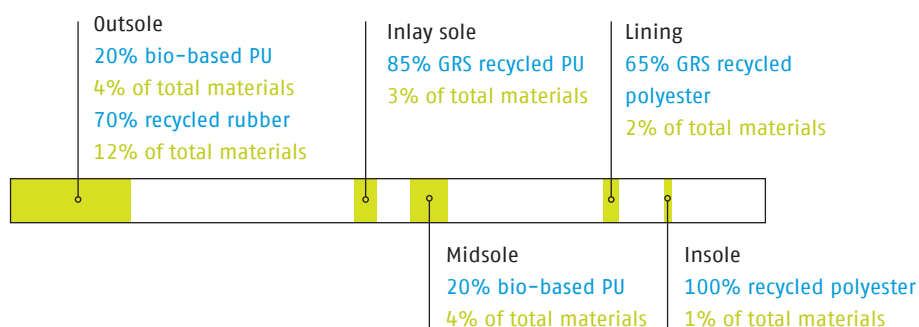
Sustainability Highlights



18% recycled materials



8% bio based materials



Consists of 26% environmentally friendly materials in terms of weight

Sustainability Explanation

Inlay sole

The Poliou® inlay sole contains 85% GRS recycled PU foam. The opencell structure regulates a perfect climate control.

Insole

The insole consist of polyester which is 100% recycled and GRS certified. Produced and supplied by our European partner.

PU Midsole

The midsole is made from polyurethane (PU) which has 20% bio-based content. Bio-based content is extracted from renewable resources. This midsole is made in Holland.

Rubber Outsole

The rubber outsole is made of 20% post-consumer recycled rubber plus 50% pre-consumer recycled rubber, which gives in total 70% recycled content. On top of that another 20% is bio-based. Bio-based content is extracted from renewable resources.

Lining Recycled

The lining is our improved Bata Cool Comfort®+ with 65% GRS recycled polyester. The recycled polyester is post-consumer, combined with virgin polyester.



ISO 14021:2016

The material passport includes criteria for self-declared environmental claims, such as statements, symbols, and images, in line with EN ISO 14021:2016.



Recycled content

Standard that sets requirements for certification of recycled input, chain of custody, social and environmental practices, and chemical restrictions.



GRS

Standard that verifies the presence and amount of recycled material in fabrics and tracks the flow of raw materials from source to finished product.

Disclaimer

While every effort has been made to ensure the accuracy and completeness of the information in this document, there may be errors or omissions. The authors and organizations involved in the preparation of this document are not liable for any consequences.