

**Heavy**

# CONSTRUBOY S3 MID

COBOYS3M

New generation Bestboy for heavy application

Upper	Full Grain Leather
Lining	3D-Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	BASF PU/BASF PU
Toecap	Steel
Category	S3 / SR, FO
Size range	EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.693 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



BLK



**Oil & fuel resistant**

The outsole is resistant against oil and fuel.



**3D mesh**

Three-dimensional produced distance mesh to provide increased moisture and temperature management.



**Breathable leather upper**

Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



**S3**

S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



**SRC slip resistance**

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.

**Industries:**

Chemical, Construction, Industry, Mining, Oil &amp; Gas

**Environments:**

Cold environment, Dry environment, Extreme slippery surfaces, Muddy environment, Snowy and icy, Uneven surfaces, Wet environment

**Maintenance instructions:**

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
<b>Upper</b>	<b>Full Grain Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	1.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	19.5	≥ 15
<b>Lining</b>	<b>3D-Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	73.2	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	585.9	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
<b>Outsole</b>	<b>BASF PU/BASF PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	30.0mm <sup>3</sup> (Density:1.18g/ cm <sup>3</sup> )	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.35	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.43	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.20	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.30	≥ 0.22
	Antistatic value	MegaOhm	192	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	34	≥ 20
<b>Toecap</b>	<b>Steel</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	17.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	≥ 14

Sample size: 42

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