



Dale Techniche Ltd

Throstle Nest Mill, Leeds Road, Nelson, Lancashire,  
England B89 7QZ. Phone: 01282 696214.

[www.daledoc.co.uk](http://www.daledoc.co.uk)  
salesoffice@dale-techniche.co.uk

## **TECHNICAL SPECIFICATION SHEET**

### **2 LAYER, FR BIB TROUSER – ARC3003/20**

Garment conforms to:	Flame retardant, antistatic, 2 layer bib-trousers made from durable 220gsm outer fabric & 220gsm knitted rib fabric giving protection against the thermal effects of an electric arc.  EN IEC61482-1-1 (open arc) ATPV = 42cal/cm <sup>2</sup> EN IEC61482-1-1 (2.0) ELIM 38cal/cm <sup>2</sup> . EN 61482-2:2020 ENISO11612:2015 (A1, B1, C1) protection against heat and flame. EN1149-5:2018 discharges of static electricity.
Garment standard description:	The garment includes shoulder straps with plastic buckle fastening, 2 side hip pockets with Velcro access pockets with poppers at each side to fasten. Open legs with poly moulded zips and Velcro tabs to fasten. Left and right external knee pad pockets with Velcro fastening.  Additions: Yellow and silver tape around lower legs. Elim 38cal/cm <sup>2</sup> heat seal to left side as worn.
Sizes:	S, M, L and XL. Other sizes upon request.
Labels:	CE to EN 61482-2:2020, EN ISO11612:2015, EN1149-5:2018

Outer Fabric:	56% Meta-aramid, 42% Para-aramid, 2% antistatic fibre, woven fabric, 220 gsm, with rip stop grid.
Colour:	Black
Conforms to:	EN ISO11612:2015 A1, B1, C1, EN 1149-3:2004 EN IEC61482-1-1:2019 (open arc) ATPV = 11cal/cm <sup>2</sup> EN IEC61482-1-1 (2.0) ELIM 9.9cal/cm <sup>2</sup>
Inner Fabric:	79% Meta-aramid, 14% FR Viscose, 5% Para-aramid, 2% antistatic fibre, knitted fabric, 220gsm
Colour:	Grey, Navy blue or Black
Conforms to:	ISO11612:2015 (A1, B1, C1), EN1149-3:2004, IEC61482-1-1:2009 (open arc) EBT50 = 9.6cal/cm <sup>2</sup> IEC61482-1-1 (2.0) ELIM = 8.2cal/cm <sup>2</sup> IEC61482-1-2:2007 (arc in a box) Class 1 (4KA)
Fabric Combination:	EN IEC61482-1-1:2019 (open arc) ATPV = 42cal/cm <sup>2</sup> EN IEC61482-1-1 (2.0) ELIM 38cal/cm <sup>2</sup>
Sewing thread:	100% meta aramid.

For and on behalf of  
**DALE TECHNICHE LIMITED**

D Emmott  
Operations Manager.



Certificate number 2322  
ISO9001