CARC163

Fire retardant anti-static ARC high visibility sweatshirt

Modacrylic/Cotton/Polyester/Aramid/Antistatic
300 gsm

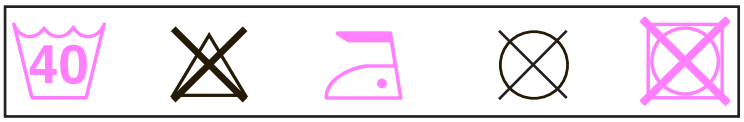
	EN ISO 11612:2015	Clothing to protect against heat and flame Clothing designed to provide protection where there are requirements for limited flame spread and where the user may be exposed to convective or radiant heat.	A1 – Limited Flame Spread B1 – Convective Heat C2 – Radiant Heat F1 – Contact Heat	(No. 1 indicates the lowest level of acceptance)
	EN ISO 1149-5:2018	Electrostatic properties of clothing (EN 1149-3:2004 measurement of charge decay) Clothing designed to be electrostatically dissipative to avoid incendiary discharges		
	EN 61482-2:2020	Protective clothing against the thermal hazards of electric arc Clothing designed to provide protection against convective and radiant energy in heat and flame protective clothing, and protection against the thermal hazards of an electric arc in the form of constrained and directed arc.	EN 61482-1-1:2019 Arc rating – ATPV 9.8 cal/cm² Arc Thermal Performance Value refers to the maximum incident energy (in calories per cm squared) that protective equipment can be exposed to and prevent the onset of a second-degree burn. – ELIM 6.9 cal/cm²	
3	EN ISO 20471:2013 +A1:2016	High visibility clothing Clothing designed to provide protection in areas of low conspicuity Class 3 (Class 1 indicates the lowest level of acceptance)	RIS-3279-TOM ISSUE 2:2019 - Rail industry Standard for high visibility clothing	

Intended Use:
This garment must be worn correctly. All arc protective garments should be worn closed and in conjunction with other suitable protective layers complying with the same safety standards and comparable equipment (helmet and visor combination, gloves and footwear). The environmental risks at the working site shall be regarded, deviations from the parameters in IEC 61482-2:2009 may result in more severe conditions. No arc protective garments should be worn in conjunction with clothing that could melt if exposed to arc flash, This garment has been designed to give a specified level of protection against accidental contact with heat and flame. Workers wearing electrostatic dissipative protective clothing should be properly earthed by wearing the appropriate electrostatic dissipative footwear, the resistance between the person and the earth shall be less than 10^8 Ω. Electrostatic dissipative protective clothing should permanently cover all non-complying materials during normal use (including bending and movements). Electrostatic dissipative protective clothing shall not be used in an oxygen enriched atmosphere, or in Zone 0 (see EN 60079-10-1 (7)) without prior approval of the responsible safety engineer. Electrostatic dissipative protective clothing should not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances. Electrostatic dissipative protective clothing is intended to be worn in Zones 1, 2, 20, 21 and 22 (see EN 60079-10-2 (8)) in which the minimum ignition energy of any explosive atmosphere is not less than 0.016mj. It is not designed to protect against molten aluminium and iron splash. When worn the overlap between the garments should be a minimum of 20 cms, maintained in all positions. It is recommended to wear the polo shirt with bib and brace trousers. If the polo shirt is worn with waistband trousers and a 20 cms overlap is not present in all working positions then the garments must only be worn after an appropriate risk assessment has been conducted. Under no circumstances should garment combinations be worn where no overlap (a gap) occurs in use. In the event of an accidental splash of chemical or flammable liquids on the clothing whilst being worn the wearer should withdraw and carefully remove the garments, ensuring that no chemical liquid comes into contact with the skin. The clothing shall then be cleaned or removed from service. Should the high-visibility properties become contaminated or soiled the garment should be replaced.

Washing Instructions: This garment is constructed from inherently fire retardant fabric and the FR properties are not unduly affected by washing. Garments certified after five wash cycles. Do not wash in biological detergents. We recommend a washing temperature of 40°, rinse well, do not wring. The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care, storage, etc. After cleaning, the clothing shall be visually inspected for any signs of damage

The electrostatic dissipative performance of protective clothing can be affected by wear and tear, laundering and possible contamination. DIRTY CLOTHING MAY LEAD TO A REDUCTION IN PROTECTION. Repairs to the garment should not be undertaken without reference to Beeswift Limited.

Storage: Always store in clean, dry conditions. Do not store in places subject to direct, strong sunlight.



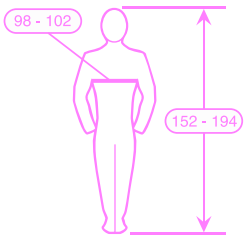
Machine Wash 40°C	One Dot Iron-Low Heat	Do Not Tumble	Use Detergent Only
Do Not Bleach	Do Not Dry Clean	Do Not Use Soap	Rinse Well

Available Sizes and Selection

A larger size may be required if worn over other clothing.
Fit according to chest size:

Size:	Chest Size:	Height:
S	92 - 96	152 - 194
M	98 - 102	152 - 194
L	104 - 108	152 - 194
XL	110 - 112	152 - 194
2XL	114 - 118	152 - 194
3XL	120 - 124	152 - 194
4XL	126 - 130	152 - 194
5XL	132 - 136	152 - 194

*This is a guide, for more accurate dimensions please contact the manufacturer



CE 2895 These garments bear CE marking to demonstrate compliance with EU Regulation 2016/425 Personal Protective Equipment Annex II Health & Safety

Declaration of conformity: https://www.beeswift.co.uk/web/uk/TechnicalItemSearch

Manufacturer:
Beeswift Ltd, The Hub,
Nobel Way, Witton,
Birmingham, B6 7EU,
United Kingdom

EU type examination (Module B) and conformity assessment procedure (Module C2) conducted by Shirley Technologies (Europe) Limited, Sky Business Centre, Port Tunnel Business Park, Office 13, Unit 21, Clonshaugh Business & Technology Park, Dublin 17 ROI (NB2895)