

CHARNAUD®

**YOUR LAST LINE
OF DEFENCE®**

**THE TRUSTED BRAND
THAT CREATES
CONFIDENCE IN
A HOSTILE WORK
ENVIRONMENT.®**



CHARNAUD® SURVIVE-ARC® ELECTRIC ARC FLASH PROTECTIVE WEAR

CHARNAUD®

CHARNAUD® SURVIVE-ARC® protective wear is made from certified, comfortable to wear, flame-resistant and arc rated materials to protect the worker against the thermal effects of an electric arc flash. The CHARNAUD® SURVIVE-ARC® range comprises of a head-to-foot range of protective wear designed for the electrical worker.

CHARNAUD® SURVIVE-ARC® garments are flame resistant for the life of the garment. The National Fire Protection Association (NFPA) describes an Arc Flash Hazard as “A dangerous condition associated with the release of energy caused by an electric arc.” An arc flash happens when an electric current passes through the air between ungrounded conductors, or between ungrounded and grounded conductors (NFPA).

An arc flash can result from inserting a tool in the incorrect place or dropping a tool into a circuit breaker, where conductive dust or humidity are present, or as a result of a failure of equipment.

Forces may exceed 100kPa (KiloPascal), and debris is spread at up to 300 metres/second with temperatures of up to 20 000°C. This energy is in the form of a blinding flash of light and a deafening noise. In this explosion, an immense amount of concentrated energy is forced outward from the electrical equipment toward the electrical worker, spreading super-hot gases and an associated shower of molten metal.

CHARNAUD® SURVIVE-ARC® protective wear ranges from low to high levels of protection in order to provide solutions for all types of hazardous electrical work environments. It is the responsibility of the end user to ensure that the appropriate PPC or PPE are selected in accordance with the level of hazard in their work environment to keep the wearer safe and the correct protection selected.

CHARNAUD® SURVIVE-ARC® protective wear is triple certified to NFPA 70E, EN 61482-2 and SANS 724.

CHARNAUD® SURVIVE-ARC® garments have been CE / UKCA certified to the relevant international performance standards, by BTTG.



CHARNAUD® SURVIVE-ARC® 51.5 CAL/CM² SWITCHING SUIT

Arc flash switching suits are available in the form of a set comprising: jacket, trousers, hood, gloves and carry bag. Items can also be ordered individually. A ventilated hood and a light on the hood are optional.



CHARNAUD® SURVIVE-ARC®
51.5 cal/cm² Arc Flash Switching Suit Set,
Royal Blue.
Items can be ordered individually.
Optional: 50mm silver flame resistant reflective tape on the jacket, trouser and hood.



CHARNAUD® SURVIVE-ARC®
51.5 cal/cm² CAT 4 Switching Jacket,
Royal Blue.



CHARNAUD® SURVIVE-ARC®
51.5 cal/cm² Switching Bib and Brace Trousers,
Royal Blue.



CHARNAUD® SURVIVE-ARC®
51.5 cal/cm² CAT 4 Switching Hood
in Royal Blue with Grey visor.



CHARNAUD® SURVIVE-ARC®
51.5 cal/cm² CAT 4 Gloves,
Royal Blue.



CHARNAUD® SURVIVE-ARC®
Kit bag, Black.
Carry bag with supported base with 2 carry straps around bag and heavy-duty U-shaped top zip.



CHARNAUD® SURVIVE-ARC® 100 CAL/CM² SWITCHING SUIT

Arc flash switching suits are available in the form of a set comprising: jacket, trousers, hood, gloves and carry bag. Items can also be ordered individually. A ventilated hood and a light on the hood are optional.



CHARNAUD® SURVIVE-ARC®
100 cal/cm² Arc Flash Switching Suit Set, Olive.
Items can be ordered individually.



CHARNAUD® SURVIVE-ARC®
100 cal/cm² CAT 4 Switching Jacket, Olive.



CHARNAUD® SURVIVE-ARC®
100 cal/cm² Switching Bib and Brace Trousers, Olive.



CHARNAUD® SURVIVE-ARC®
100 cal/cm² CAT 4 Switching Hood, Olive with Grey visor.



CHARNAUD® SURVIVE-ARC®
100 cal/cm² CAT 4 Gloves, Olive.



CHARNAUD® SURVIVE-ARC®
Kit bag, Black.
Carry bag with supported base with 2 carry straps around bag and heavy-duty U-shaped top zip.





CHARNAUD® SURVIVE-ARC®
8.7 cal/cm² ,12.4 cal/cm² or 21 cal/cm² CAT 2 Conti Suit; Navy.
 Items can be ordered individually.
 Conti style jacket with zip front flap-over closure, 2 bottom pockets, 1 breast pocket and knitted cuffs. Conti style trousers with zip and button closure, 1 back pocket, side ruler pocket, 2 side pockets and elasticated back waist.
Options: 25mm, 50mm silver or 50mm Lime and silver flame resistant reflective tape.
Tape: across biceps, body and knees.
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
8.7 cal/cm² ,12.4 cal/cm² or 21 cal/cm² CAT 2 Coverall, Navy.
 2 breast pockets, 2 side pockets, 1 back pocket, zip, flap-over closure and knitted cuffs.
Options: 25mm or 50mm silver flame resistant reflective tape on biceps, X - back and above knees
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
12.4 cal/cm² , CAT 2 Mens Dust coat, Navy
 With knitted cuffs, breast pocket and press stud closure.
Sizes: S - 5 XL



CHARNAUD® SURVIVE-ARC®
8.7 cal/cm² ,12.4 cal/cm² or 21 cal/cm² CAT 2 Chino Trousers, Navy.
 2 jet pockets, 2 side pockets, zip and button front.
Options: 25mm, 50mm silver or 50mm lime and silver flame resistant reflective tape.
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
17 cal/cm² CAT 2 Denim Trousers.
 Flex denim with 2 back pockets, 2 front pockets, zip and button front closure.
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
8.7cal/cm² OR 12.4cal/cm² CAT 2 Shirt, Khaki.
 Button up shirt with 2 breast pockets and adjustable cuffs.
Options: 50mm silver or 50mm lime and silver flame resistant reflective tape.
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
8.3cal/cm² CAT 2 Shirt, Chambray Blue
 Chambray button up shirt with 2 breast pockets and adjustable cuffs.
Options: 50mm silver or 50mm lime and silver flame resistant reflective tape.
Sizes: S - 5XL
 Available in mens and ladies fit.



CHARNAUD® SURVIVE-ARC®
8.7cal/cm² CAT 2 Shirt, Mid Blue
 Button up shirt with 2 breast pockets and adjustable cuffs.
Options: 50mm silver or 50mm lime and silver flame resistant reflective tape.
Sizes: S - 5XL
 Available in mens and ladies fit.





**CHARNAUD®
SURVIVE-ARC®**
40 cal/cm² CAT 4 Winter
Jacket
With warm knitted liner.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
10.9 cal/cm² CAT 2 Long
sleeve T-Shirt, Navy.
Crew-neck T-Shirt with
ribbed neck and cuffs.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
21 cal/cm² CAT 2 Long
sleeve Henley Shirt, Navy.
Pull over top with 3 button
closure and knitted cuffs.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
21 cal/cm² CAT 2 Round
neck jersey, Navy.
Pull-over top with
knitted cuffs.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
10.9 cal CAT 2 Long Johns,
Navy.
With elasticated waist
and ribbed leg ends.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
10.9 cal/cm² CAT 2 Long
sleeve Polo Shirt, Navy.
3 button polo shirt with
collar and knitted cuffs.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
10.9 cal/cm² CAT 2 Boxer
Underpants, Navy.
With elasticated waist.
Sizes: S - 5XL



CHARNAUD® SURVIVE-ARC®
Goggles 12 cal/cm² CAT 2.
 Low energy protective Arc-Goggle designed to specifically address the requirements of arc flash protection.
 Sizes: One size fits all



CHARNAUD® SURVIVE-ARC®
Leather Over-Glove Protectors
 Leather over-gloves with Velcro® adjustment, 310 mm long.
 Sizes: 8 - 11



CHARNAUD® SURVIVE-ARC®
45.8 cal/cm² CAT 4 High Energy Balaclava Kit. Includes Balaclava and Goggles. Full face balaclava with dual eye-port design and a honeycomb breathing chamber, worn with high energy goggles. Balaclava to be tucked into your arc flash approved shirt or jacket.
 Sizes: One size fits all



CHARNAUD® SURVIVE-ARC®
12.1 cal/cm² CAT 2 Single Layer Balaclava or 28.2 cal/cm² CAT 3 Double Layer Balaclava, Navy Full face balaclava with eye openings, extended bib and shoulder flares.
 Sizes: One size fits all



CHARNAUD® SURVIVE-ARC®
16 cal/cm² CAT 2 A16 Gloves, Olive green glove with black composite coating on fingers and palms. Offers good dexterity, optimised for high Arc Flash risks. Perfect for tough working conditions with sparks, heat and flame risk with high performance in cut resistance.
 Sizes: 7 - 11



CHARNAUD® SURVIVE-ARC®
Arc Rated, Dielectric Rubber Gloves
 5-finger AR and VR rubber glove with long cuff.
 Protection Level:
 Class 0: ATPV: 71.6 cal/cm² (ASTM F2675)



CHARNAUD® SURVIVE-ARC®
Insulated Rubber Gloves
 5-finger rubber gloves with long cuff.
 Protection Level:
 Class 0: 1000 Volt Working.
 Class 1: 7500 Volt Working.
 Class 2: 17000 Volt Working.
 Sizes: 7 - 12



CHARNAUD® SURVIVE-ARC®
12.4 cal/cm² CAT 2 Single Layer or 28.2 cal/cm² CAT 2 Double Layer Interlock Knitted Gloves, Navy
 Sizes: S - XL



CHARNAUD® SURVIVE-ARC®
14 cal/cm² CAT 2 Beanie, Blue/Grey.
 Sizes: One size fits all



CHARNAUD® SURVIVE-ARC®
10.9 cal/cm² CAT 2 Koep-Doek, Navy. Double layer, triangular head scarf.
 Sizes: One size fits all





**CHARNAUD®
SURVIVE-ARC®**
12.4 cal/cm² CAT 2 Braces,
Orange with 50mm FR
lime/silver reflective tape.
Sizes: S - 5XL



**CHARNAUD®
SURVIVE-ARC®**
14 cal/cm² CAT 2 or
25 cal/cm² Highly
Transparent Face-shield
with Dielectric Hard Hat
Headgear kit, Grey
consisting of 3 components
that must be used together
as a KIT to achieve the
arc rating indicated:
transparent face shield
with improved optical
correctness, bracket
and a chin protector.
Sizes: One size fits all



**CHARNAUD®
SURVIVE-ARC®**
12.4 cal/cm² CAT 2 Braces, Orange with 50mm FR lime/silver
reflective tape. Adjustable braces. To be worn over arc rated
garment to protect against electric arc flash.



**CHARNAUD®
SURVIVE-ARC®**
Dielectric Hard Hat
Dielectric to 20 kV, heat
resistant, slotted hard hat
with superior suspension
system and chin strap.
Option: Chin strap
Protection Level:
EN 397: 2012 + A1: 2012
EN 50365 ANSI/ISEA Z89.1,
Class E, Type 1



**CHARNAUD®
SURVIVE-ARC®**
Kit bag, Black.
Carry bag with supported
base with 2 carry straps
around bag and heavy-
duty U-shaped top zip.



**CHARNAUD®
SURVIVE-ARC®**
E20300 Work Boot
Safety half boot with laces,
lining and padded collar.
Colour: Black
Protection Levels:
EN ISO 20345:2011. CE
Certified. Outsole: Electrical
shock resistant up to 20kV
(dry conditions) (Test
method - ASTM F2412-05:
2005 mod).



**CHARNAUD®
SURVIVE-ARC®**
Socks, Grey
Highly moisture absorbent
and anti-bacterial.
Sizes: One size fits all
Protection Level:
EN 531; EN ISO 14116
and CE certified.



**CHARNAUD®
SURVIVE-ARC®**
Belt with Velcro® closure,
Black.40mm wide.



CHARNAUD®

YOUR LAST LINE
OF DEFENCE®

COMPLETE PRODUCT RANGE



ELECTRIC ARC FLASH PROTECTIVE WEAR



INDUSTRIAL RAIN WEAR



ACID SPLASH PROTECTIVE WEAR



GARMENTS FOR COLD CONDITIONS



ALUMINIUM SPLASH PROTECTIVE WEAR



FIRE PROTECTIVE WEAR



HOT METAL PROTECTIVE WEAR



ALUMINIUM SPLASH AND ELECTRIC
ARC FLASH PROTECTIVE WEAR



HEAD-TO-FOOT ACCESSORIES



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