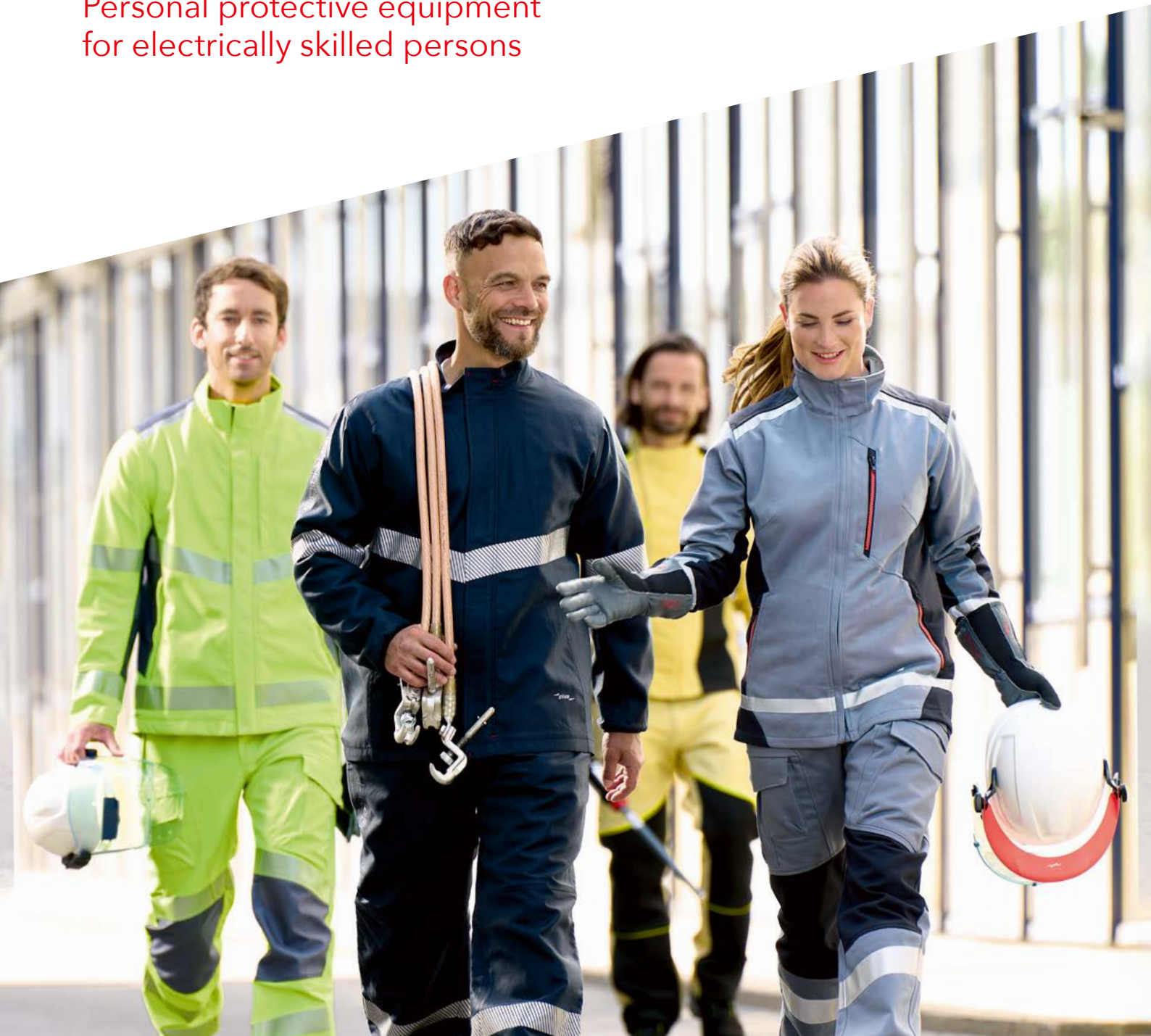




Maximum safety for your team

Personal protective equipment
for electrically skilled persons





08

DEHNcare ArcFit
The multinorm
all-rounder in two
collections for
indoor and outdoor,
in many colours
and sizes

DEHNcare ArcClassic
PPE against arc faults
that makes you feel
protected

15



DEHNcare face protection
The clearest visor
on the market

18

Contents

DEHN – protecting what's important	05
DEHN – wearing responsibility	06
DEHNcare ArcFit Outdoor	08
DEHNcare ArcFit Indoor	10
DEHNcare ArcFit HLP 63	12
DEHNcare ArcFit electrician set	14
DEHNcare ArcClassic	15
DEHNcare protective gloves APG XT and APG	16
DEHNcare shoes	17
DEHNcare Eye and face protection	18
DEHNcare UnderWear	19
DEHNcare ArcFit configurator	20
DEHNcare Services	21
DEHNcare key to symbols	23
DEHNcare personal protective equipment with part numbers	24



➤ Article 2 of Germany's Basic Law stipulates: "Everyone has the right to life and physical integrity." Binding for all people, this also applies to work on electrical installations. While the Basic Law lays out the general principles, the German Occupational Health and Safety Act describes in more detail the obligations of employers and employees irrespective of the size of the operation.

DEHNcare

Protecting what's important. In every situation.

For more than 110 years, the family-owned company DEHN SE has stood for safety and pioneering spirit in the fields of lightning and surge protection and safety equipment. With great passion and commitment, our company develops safe and effective protection solutions and components for key issues of this day and age. Such as the expansion of renewable energy, e-mobility and its entire infrastructure, and the protection of those who work in these newly emerging ecosystems.

More than 70 years of safety equipment for electrical engineering at DEHN

Since 1952, the "DEHN Safety Equipment" range of products and services – which includes DEHNcare personal protective equipment (PPE) – has centred around safe work on electrical installations.

"With DEHNcare personal protective equipment, we help people return to their families unharmed after work."

Our quality standards are high. After all, human lives are at stake. The functionality of DEHNcare products and services has been carefully designed, because work should be relaxed and comfortable, and professionals should feel good in their PPE. We take this care because protective clothing is only effective if it is actually worn. Nobody should have to decide between safety and comfort.

With constant improvement in design, materials and sustainability, we are always compliant with the key international standards, often even exceeding those requirements. With advice and services, we help companies to make safe decisions. We also aim to inspire you with our reliability, quality and efficiency. Let's introduce you to the DEHNcare product range.

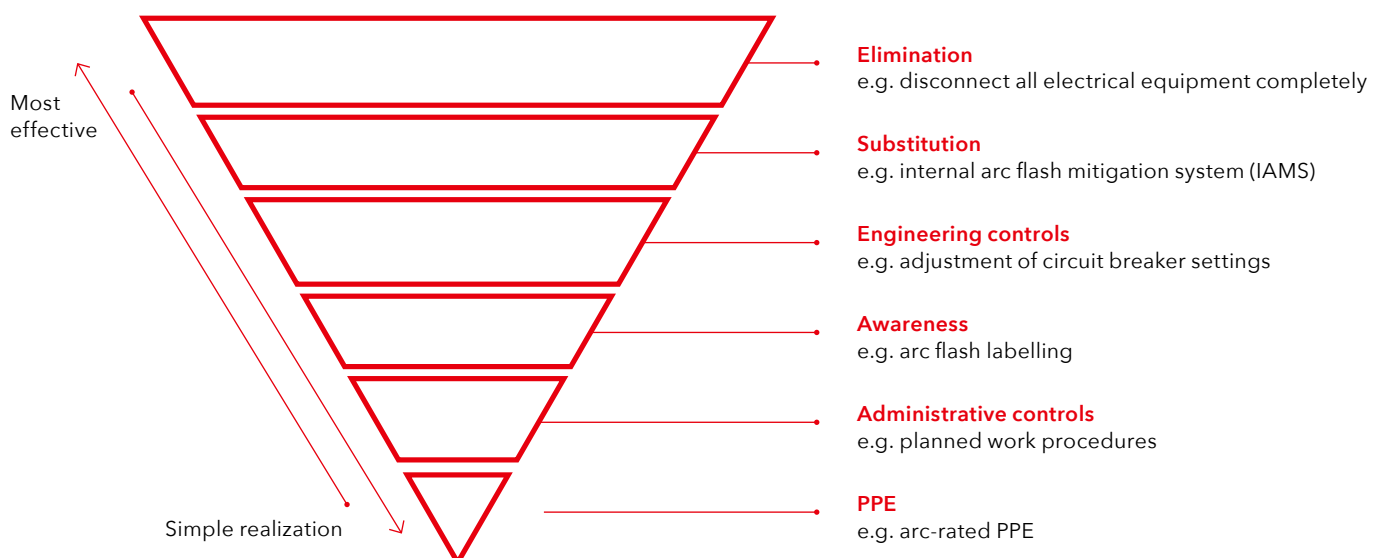
DEHNcare personal protective equipment

Wearing responsibility. So that your team can feel safe.

Arc faults occur more frequently than one might think and are a serious hazard. They occur as an electrical gas discharge due to a technical defect, faulty operation, impurities or foreign objects in the system.

Therefore, for optimum protection, plan your arc fault protection comprehensively according to the "Hierarchy of Risk Control" in accordance with NFPA 70 E. The company must always assess the possible hazards for the individual that are associated with work on electrical installations and take suitable protection measures. The highest priority here is the complete elimination of hazards, such as disconnection of an electrical installation. If a disconnection is not possible, the danger must be reduced - i.e. through substitution. The final step for avoiding the residual risk is to define personal protection measures, such as appropriate PPE against the thermal effects of an electric fault arc.

Choose DEHNcare protective clothing for your electrically skilled persons for personal safety and maximum wearing comfort.





When is personal protective equipment required?

Personal protective equipment against arc faults is required in work environments in which there is a risk of arc faults. The need for and the protection class of personal protective equipment against arc faults is usually determined by the result of a risk assessment.

Every employer is obliged to carry out a risk assessment in relation to electrical engineering. The NFPA 70E and IEEE 1584 documents helps in choosing the appropriate protection class for the PPE against arc faults.

Typical personal protective equipment against arc faults may include protective clothing, helmets, visors, gloves or special electrically insulating clothing. The exact requirements may vary depending on the specific risks of your electrical installation.

Protective equipment is internationally standardised

The IEC 61482-2 standard specifies the requirements according to which protective clothing for protection against the thermal effects of an arc fault must be tested. Two test methods are defined internationally for this purpose.

IEC 61482-1-1

In the open arc test, an open arc is generated and the energy passing through the test specimens is measured and evaluated on panels arranged in a circle around it. A classification of the clothing is made via the achieved Arc Thermal Performance Value (ATPV) or Energy Limit value (ELIM), given in cal / cm².

Box test as per IEC 61482-1-2

In contrast to the open arc test, the box test generates a defined arc that is directed in a box specifically at the detecting sensors. Two protection classes are referred to here: Arc Protection Class 1 and 2 (APC 1, APC 2).

Products of the DEHNcare family meet all required standards and are also certified in accordance with the PPE regulation (EU) 2016/425.

DEHNarX

If you would like assistance with an arc-fault risk assessment, please feel free to contact us at <http://de.hn/3a57m>



DEHNcare ArcFit Outdoor

**Lightweight and safe.
So you're protected
all day long.**



This multinorm all-rounder is comfortable all day due to its single layer material.

- ➔ ATPV: 16 cal/cm²
- ➔ Feels very light to wear
- ➔ All-round protection with arc flash protection class APC 2



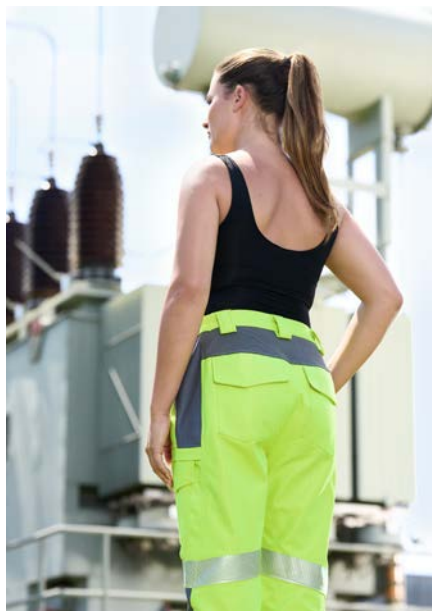
Protective clothing must be comfortable and suitable for everyday wear, so that it is a pleasure to wear and never bothers you. Only 300 g/m² weight per unit area - that's so light that the protective clothing feels as comfortable or better than workwear without protection. And yet the single-layer material offers all-round protection. An important advantage, because the ArcFit does not merely protect the front. Moreover, ArcFit Outdoor is available in fluorescent colours. This makes your team easy to identify at all times.

DEHNcare ArcFit Outdoor at a glance

- Feels very light to wear
- Arc flash protection class APC 2 with 320 kJ, all-round protection; not just for the front
- ATPV: 16 cal / cm²
- ELIM value: 13 cal / cm²
- Class 2 welding protection for manual welding techniques with large volumes of welding spatter and metal drops
- Improved visibility when seen at speeds from 60 km/h and higher due to combination of jacket and trousers
- Type 6 chemical protection
- Dirt-repellent and water-repellent
- Configurable
- Washable up to 60°

Onion principle for greater protection

When combined with underwear, you get even more safety - more on page 19



Modern cut with elastic waistband in women's and men's sizes.

DEHNcare ArcFit Indoor

Maximum wearing comfort. Because protection should feel good to wear.



The perfectly fitting ArcFit Indoor with reflective elements is highly visible even in low light conditions.

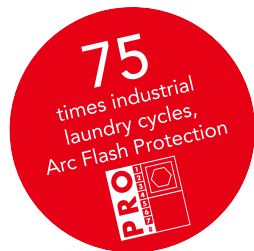


- ATPV: 18 cal/cm²
- Maximum wearing comfort
- All-round protection with arc flash protection class APC 2

DEHNcare ArcFit Indoor reliably protects in dangerous situations and is particularly comfortable to wear thanks to its high cotton content. Because no one should have to choose between safety and comfort. Protective clothing is only effective if it is actually worn. DEHNcare ArcFit is perfectly suitable for everyday use. The modern cut fits superbly and, with a wide range of sizes, there is a comfortable fit for everyone. And, since visibility might not always be the best even indoors, the ArcFit Indoor with reflective elements is highly visible even in low light conditions.

DEHNcare ArcFit Indoor at a glance

- Ultimate wearing comfort thanks to a modern cut and soft fabric
- Arc flash protection class APC 2 – all-round protection; not just for the front
- ATPV: 18 cal / cm²
- ELIM value: 13 cal / cm²
- Unique to date: highly visible reflective stripes per EN 17353
- Class 2 welding protection for manual welding techniques with large volumes of welding spatter and metal drops
- Protects against heat, flames and liquid iron splashes as per ISO 11612, performance level E3
- High cotton content for pleasant wearing comfort
- Configurable
- Washable up to 60°



Tailored to your company

You can customise and configure your protective clothing with a company logo totally bespoke.



DEHNcare ArcFit HLP 63

Even more durable. So that professionals are protected even in extreme situations.



Increase the protective effect: the HLP 63 is designed to be worn over every day protective clothing and is therefore particularly comfortable to wear.

- ➔ ATPV: 63 cal/cm²
- ➔ Breathable and very comfortable to wear
- ➔ All-round protection with arc flash protection class APC 2

Our High-Level Protection (HLP) protective equipment protects when working in higher energy installations, such as low-voltage main and medium-voltage switch-gear installations. This is where your team needs special protection. It is precisely for such challenges that we developed the new DEHNcare ArcFit HLP 63 protective clothing. Just the thing for work on electrical installations where high volumes of energy flow.

DEHNcare ArcFit HLP 63 at a glance

- Very comfy to wear despite 3-layer fabric structure - weight per unit area 655 g/m²
- Breathable with Ret value = 11.82
- Side opening on trouser leg to pull on easily when wearing shoes
- Extremely visible reflective strips per EN 17353 - for more visibility even in poor lighting conditions
- Arc flash protection class APC 2 - all-round protection; not just for the front
- ATPV: 63 cal / cm²
- ELIM value: 58 cal / cm²
- Class 2 welding protection for manual welding techniques with large volumes of welding spatter and metal drops
- Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test) = 630 kJ



Very high protection level

The very high ATPV of 63 cal / cm² equates to a hazard risk category 4.

Professional industrial laundry for washing method 8, only dry in a drum dryer (method A)



DEHNcare ArcFit electrician set, indoor and outdoor

Compiled into a set. So everything's in easy reach.

- ➔ All your PPE in one set
- ➔ Compiled to your needs

All your PPE in one bag and perfectly equipped for your demanding everyday life. All important components of protective equipment against arc faults, such as clothing, helmet, face shield and gloves, are included in this electrician's set.

You can configure the set with either the indoor or outdoor protective clothing depending on the focus of your activities.

DEHNcare ArcFit electrician set at a glance

- Includes: Protective jacket and protective trousers, protective gloves, safety helmet, eye and face protection, storage bag
- Arc flash protection class APC 2
- Can be compiled individually - e.g. jacket and trousers in different sizes; choose between helmet colours; etc.



Wear trial for PPE and visors

We will happily send you an electrician's set for you to try out with no obligation. Your DEHN contact will help with your selection.



DEHNcare ArcClassic

Protection you can feel. With a sophisticated mixture of materials.

- ➔ ATPV: Coat and jacket
33.1 cal/cm²
- ➔ APTV trousers 29.2 cal/cm²
- ➔ All-round protection with
arc flash protection class APC 2



If it could get dangerous during special operations, greater protection is required. Bulky or ill-fitting protective clothing is often rejected by electrical personnel or, in the worst cases, hinders them in their work. On the other hand, we also know that appreciable protection - felt from that blend of leather and neoprene - sensitises people to the dangers of electricity. Those who wear the protective clothing are aware of, and even more concentrated in the face of, potential hazards.

Flame and heat-retardant, the ArcClassic prevents life-threatening injuries that can be caused by arc faults with temperatures above 10,000 C.

DEHNcare ArcClassic at a glance

- Comfortable to wear due to a breathable mixture of leather and neoprene
- Fluorescent stripes added for improved visibility
- Protective jackets, protective trousers and protective coats available
- Arc flash protection class APC 2 - all-round protection; not just for the front
- ATPV: Coat and jacket 33.1 cal / cm² / Trousers 29.2 cal / cm²
- Personalisation of jacket and coat possible
- Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test) = 630 kJ

Professional leather cleaning

Long-lasting protection and with a permanently attractive look - use the DEHNcare cleaning service. See page 20 for more



DEHNcare protective gloves APG XT and APG

Within touching distance.

The hands need extra protection.

Hands come very close to sources of danger and must therefore be reliably protected against arc faults. The new test principle GS-ET 42-2 specifies that the test distance be shortened from 300 mm to 150 mm in line with real-life work situations. DEHN is the first and so far the only manufacturer that can offer you this higher protection against thermal and mechanical risks for heat protection gloves with the new APG XT protective gloves.

- Only glove on the market tested to principle GS-ET 42-2
- Available in protection class APC 1 150 and APC 2 150
- Good mobility - more feeling in your fingertips

DEHNcare APG XT Protective gloves at a glance

Up to now the only glove on the market tested to the new principle GS-ET 42-2

- Snug fit for more feeling in your fingertips
- A mixture of leather and neoprene ensuring for improved breathability and thus reduced sweating
- Nimble hand and finger movement due to the structured neoprene
- Reinforced palms for additional protection for the gloves of class APC 2 150
- Protection class APC 1 150, ATPV: 35 cal / cm²
- Protection class APC 2 150, ATPV: 40 cal / cm²
- Protection up to the crook of the arm
- Available in sizes 7 to 13 and two gauntlet lengths

- Protection class APC 2, ATPV: 32.8 cal / cm²
- Breathable

DEHNcare APG protective gloves at a glance

- Comfy fit thanks to special a special glove cut with different gauntlet lengths
- Breathable mixture of leather and neoprene - ideal for lengthy jobs
- More feeling in your fingertips due to soft leather on the inside of the glove
- Minimised sweat owing to a breathable combination of materials
- Protection class APC 2, ATPV: 32.8 cal / cm²
- Protection up to the crook of the arm
- Excellent fit in sizes 8 to 12



DEHNcare shoes

Step by step. So your feet stay fit on long days.

When it comes to safety shoes, DEHN has skilfully met the highest national and international requirements. Enjoy a pleasant and fatigue-free walking experience on long workdays while standing or walking.

DEHNcare shoes at a glance

- Safety class SB with plastic protective cap
- Completely metal-free
- Safety as per EN ISO 20345
- Patented 3RUN sole made of non-electrically conductive polyurethane insulation for up to 1,000 V, electric resistance up to 20,000 Ω , as per American standard ASTM 2413-11

- ➔ Protective cap made of plastic
- ➔ Insulation up to 1,000 V, 20,000 Ω



DEHNcare Eye and face protection

Uncompromising clarity. So that your team always sees clearly.

- ➔ The clearest visor on the global market
- ➔ Anti-mist coating
- ➔ Maximum light transmittance

The DEHNcare APS arc-fault-tested face shield (combined with the safety helmet for electricians) protects your employees from 2nd degree burns and from flying parts and splashes. In the event of arc faults, the eyes, face and head remain safe thanks to the active protection. At the decisive moment, a controlled carbonisation occurs causing the face shield to darken. During work, it ensures optimal colour perception without fogging. Since we want it to remain in use for a long time, we do not use conventional bending methods in its manufacture. Instead we cast our face shield in a mould.

DEHNcare eye and face protection at a glance

- Ergonomic shape for greater freedom of movement when working in narrow installations
- Perfect all-round view - even downwards
- Extremely hard-wearing and scratch-resistant
- Permanently fog-free
- Protection class APC 2 as per GS-ET 29
- ATPV: 14 cal / cm² or 25 cal / cm²



The clearest visor on the global market - the highest light transmission for visible light (VLT class 0) for optimal colour perception



Arc-fault-tested balaclava at a glance

Experience even more protection with the APS T AS face shields. The balaclava offers additional protection for the neck and throat.

- Protection class APC 2
 - ATPV: 29 cal / cm²
-



DEHNcare UnderWear

Step by step.

Because every layer means extra safety.

- Protection class APC 1
- ATPV: 4.1 cal/cm²

If a higher level of protection than usual is required, you do not need to keep a second set of protective clothing on hand. Wearing the right layers, you can achieve a higher protection class. This saves you from buying the same thing twice, yet you still acquire the required protection for your team in a simple way.

Combining DEHNcare ArcFit protective clothing (APC 2) and DEHNcare UnderWear (APC 1) results in an ATPV of up to 37 cal/cm² - which corresponds to the international protection class HRC 3.

- Protection class APC 1
- ATPV: 4.1 cal/cm²



DEHNcare ArcFit Indoor
APC 2 (7 kA / 500 ms)
ATPV = 18 cal/cm² (PPE2)



DEHNcare ArcFit Outdoor
APC 2 (7 kA / 500 ms)
ATPV = 16 cal/cm² (PPE2)

+



DEHNcare UnderWear
APC 1 (4 kA / 500 ms)
ATPV = 4.1 cal/cm² (PPE1)

+



DEHNcare UnderWear
APC 1 (4 kA / 500 ms)
ATPV = 4.1 cal/cm² (PPE1)

ATPV = 31 cal/cm² (PPE 3)
ELIM = 28 cal/cm²

✓ Tested

ATPV = 37 cal/cm² (PPE 3)
ELIM = 34 cal/cm²

✓ Tested



DEHNcare ArcFit configurator

Individually configured. For PPE that fits your team.

DEHNcare ArcFit configurator

Configure your protective clothing entirely according to your specifications. To do this, select the fabric colours and zips in the configurator, integrate your company logo on the jacket and trousers and add a personal name to the protective jacket.

Your employees become brand ambassadors, wearing your PPE in your company's colours with pride. Employees also receive their own PPE with their name on it, so it is only worn by the owner.

If you have already configured some PPE, simply enter the designated design code for subsequent orders and save yourself having to configure it again.

You have two options for receiving an offer for ArcFit: the quick offer version and the detailed configurator. For the detailed configurator, we recommend having a digital logo handy (vector data will be required for this). You will then get a presentation of the protective clothing in your company's colours with your personal logo.

DEHNcare repair service and cleaning service

High-quality fabrics and materials require special repair and cleaning. You should also have your high-quality arc-fault-tested protective clothing professionally cleaned on a regular basis in order to guarantee the protective function in the long term.

Freshly washed and impregnated, you will receive your protective clothing back within just one working week, so that work can resume quickly.



DEHNcare services

For DEHNcare ArcFit.

Request our colour fan

With the DEHNcare ArcFit colour fan, you can take a closer look at the material and choose your colours from the fabric samples.

Colour fan

<http://de.hn/4oUNK>

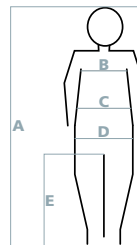


Measure up

DEHNcare ArcFit is available in many sizes. For women and men, long, tall, thin and broad. You will find the ideal size for every body shape. So your protective clothing fits comfortably - the whole day.

Measure up

<http://de.hn/84iJC>



Try them on - 14 days for testing

We will happily send you ArcFit protective clothing for you to try out with no obligation. Contact your customer service representative now.

These basic colours and accent colours can be combined with indoor (left) and outdoor (right) protective clothing.



DEHN Services

Always at your side.

Your DEHN safety equipment catalogue

The complete range of products for reliable safety equipment - compact and clearly arranged. Order now!

DEHN safety equipment catalogue

Our catalogue is available as a PDF for download here:
<http://de.hn/31tVd>



Ordering is easy

Simply send your order via email to bestellung@dehn.de.

Technical advice

Should you have any questions about our DEHNcare personal protective equipment, please do not hesitate to contact us.

Tel. +49 (0)9181 906-1750
itss@dehn.de

DEHNcare key to symbols

Clear.

	EN ISO 11611:2015	Protective clothing for welding and related processes
	EN ISO 11612:2015	Protective clothing - Clothing to protect against heat and flames - Minimum performance requirements
	EN 1149-5:2018	Protective clothing - Electrostatic properties - Part 5: Performance requirements for material and design requirements
	IEC 61482-2:2018	Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements
	EN 17353:2020	Protective clothing - Enhanced visibility equipment for medium risk situations - Test methods and requirements
	EN ISO 20471:2013+A1:2016	High-visibility clothing - Test methods and requirements
	EN 13034:2005+A1:2009	Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (type 6 and type PB [6] equipment)
	EN 388:2016+A1:2018	Protective gloves against mechanical risks
	EN 407:2020	Protective gloves and other hand protection equipment against thermal risks (heat and/or fire)
	GS-ET 42-2:2019	Additional requirements for the testing and certification of heat-protective gloves for protection against the thermal effects of an arc fault
	GS-ET 29:2011	Principles of testing and certification of face shields for electrical work
	EN ISO 14116:2015	Protective clothing - Protection against flame - Limited flame spread materials, material assemblies and clothing

DEHNcare ArcFit Outdoor

Best visibility to protect against accidents in any outdoor situation:
This multinorm all-rounder fits every employee thanks to the variety of sizes and its modern cut. This clothing is comfortable all day due to its single layer material.

Arc-fault-tested protective clothing with special properties for outdoor areas.



Arc-fault-tested protective jacket - fluorescent yellow, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	JOYEGRRE0000P0000

Type	APJ OD YE 42	APJ OD YE 44
Part No.	787 700	787 701
Size (international)	42 (2XS)	44 (2XS/XS)

Type	APJ OD YE 46	APJ OD YE 48
Part No.	785 350	785 351
Size (international)	46 (XS)	48 (S)

Type	APJ OD YE 50	APJ OD YE 52
Part No.	785 352	785 353
Size (international)	50 (M)	52 (M/L)

Type	APJ OD YE 54	APJ OD YE 56
Part No.	785 354	785 355
Size (international)	54 (L)	56 (XL)

Type	APJ OD YE 58	APJ OD YE 60
Part No.	785 356	785 357
Size (international)	58 (XL/2XL)	60 (2XL)

Type	APJ OD YE 62	APJ OD YE 64
Part No.	785 358	787 702
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APJ OD YE 66	APJ OD YE 68
Part No.	787 703	787 704
Size (international)	66 (4XL)	68 (4XL/5XL)

Arc-fault-tested protective trousers - fluorescent yellow, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	TOYEGRRE0000P0

Type	APT OD YE 42	APT OD YE 44
Part No.	787 750	787 751
Size (international)	42 (2XS)	44 (2XS/XS)

Type	APT OD YE 46	APT OD YE 48
Part No.	785 360	785 361
Size (international)	46 (XS)	48 (S)

Type	APT OD YE 50	APT OD YE 52
Part No.	785 362	785 363
Size (international)	50 (M)	52 (M/L)

Type	APT OD YE 54	APT OD YE 56
Part No.	785 364	785 365
Size (international)	54 (L)	56 (XL)

Type	APT OD YE 58	APT OD YE 60
Part No.	785 366	785 367
Size (international)	58 (XL/2XL)	60 (2XL)

Type	APT OD YE 62	APT OD YE 64
Part No.	785 368	787 752
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APT OD YE 66	APT OD YE 68
Part No.	787 753	787 754
Size (international)	66 (4XL)	68 (4XL/5XL)

*) Outer fabric after preparation

Arc-fault-tested protective jacket - fluorescent yellow, men's short sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	JOYEGRRE0000P0000

Type	APJ OD YE 22	APJ OD YE 23
Part No.	787 710	787 711
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APJ OD YE 24	APJ OD YE 25
Part No.	787 712	787 713
Size (international)	24 (S-K)	25 (M-K)

Type	APJ OD YE 26	APJ OD YE 27
Part No.	787 714	787 715
Size (international)	26 (M/L-K)	27 (L-K)

Type	APJ OD YE 28	APJ OD YE 29
Part No.	787 716	787 717
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APJ OD YE 30
Part No.		787 718
Size (international)		30 (2X-K)

Arc-fault-tested protective jacket - fluorescent yellow, men's long sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	JOYEGRRE0000P0000

Type	APJ OD YE 90	APJ OD YE 94
Part No.	787 720	787 721
Size (international)	90 (XS-L)	94 (S-L)

Type	APJ OD YE 98	APJ OD YE 102
Part No.	787 722	787 723
Size (international)	98 (M-L)	102 (M/L-L)

Type	APJ OD YE 106	APJ OD YE 110
Part No.	787 724	787 725
Size (international)	106 (L-L)	110 (XL-L)

Type	APJ OD YE 114	APJ OD YE 118
Part No.	787 726	787 727
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

*) Outer fabric after preparation

Arc-fault-tested protective trousers - fluorescent yellow, men's short sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	TOYEGRRE0000P0

Type	APT OD YE 22	APT OD YE 23
Part No.	787 760	787 761
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APT OD YE 24	APT OD YE 25
Part No.	787 762	787 763
Size (international)	24 (S-K)	25 (M-K)

Type	APT OD YE 26	APT OD YE 27
Part No.	787 764	787 765
Size (international)	26 (M/L-K)	27 (L-K)

Type	APT OD YE 28	APT OD YE 29
Part No.	787 766	787 767
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APT OD YE 30
Part No.		787 768
Size (international)		30 (2XL-K)

Arc-fault-tested protective trousers - fluorescent yellow, men's long sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	TOYEGRRE0000P0

Type	APT OD YE 90	APT OD YE 94
Part No.	787 770	787 771
Size (international)	90 (XS-L)	94 (S-L)

Type	APT OD YE 98	APT OD YE 102
Part No.	787 772	787 773
Size (international)	98 (M-L)	102 (M/L-L)

Type	APT OD YE 106	APT OD YE 110
Part No.	787 774	787 775
Size (international)	106 (L-L)	110 (XL-L)

Type	APT OD YE 114	APT OD YE 118
Part No.	787 776	787 777
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

Arc-fault-tested protective jacket - fluorescent yellow, standard ladies' sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	JOYEGRRE0000P0000

Type	APJ OD YE F 34	APJ OD YE F 36
Part No.	787 730	787 731
Size (international)	34 (XS)	36 (S)

Type	APJ OD YE F 38	APJ OD YE F 40
Part No.	787 732	787 733
Size (international)	38 (M)	40 (M/L)

Type	APJ OD YE F 42	APJ OD YE F 44
Part No.	787 734	787 735
Size (international)	42 (L)	44 (XL)

Type	APJ OD YE F 46	APJ OD YE F 48
Part No.	787 736	787 737
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APJ OD YE F 50	APJ OD YE F 52
Part No.	787 738	787 739
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APJ OD YE F 54	APJ OD YE F 56
Part No.	787 740	787 741
Size (international)	54 (3XL/4XL)	56 (4XL)

Arc-fault-tested protective trousers - fluorescent yellow, standard ladies' sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red
Design code	TOYEGRRE0000P0

Type	APT OD YE F 34	APT OD YE F 36
Part No.	787 780	787 781
Size (international)	34 (XS)	36 (S)

Type	APT OD YE F 38	APT OD YE F 40
Part No.	787 782	787 783
Size (international)	38 (M)	40 (M/L)

Type	APT OD YE F 42	APT OD YE F 44
Part No.	787 784	787 785
Size (international)	42 (L)	44 (XL)

Type	APT OD YE F 46	APT OD YE F 48
Part No.	787 786	787 787
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APT OD YE F 50	APT OD YE F 52
Part No.	787 788	787 789
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APT OD YE F 54	APT OD YE F 56
Part No.	787 790	787 791
Size (international)	54 (3XL/4XL)	56 (4XL)

*) Outer fabric after preparation

Arc-fault-tested protective jacket - fluorescent orange, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	JOORGRRE0000P0000

Type	APJ OD OG 42	APJ OD OG 44
Part No.	787 800	787 801
Size (international)	42 (2XS)	44 (2XS/XS)

Type	APJ OD OG 46	APJ OD OG 48
Part No.	787 350	787 351
Size (international)	46 (XS)	48 (S)

Type	APJ OD OG 50	APJ OD OG 52
Part No.	787 352	787 353
Size (international)	50 (M)	52 (M/L)

Type	APJ OD OG 54	APJ OD OG 56
Part No.	787 354	787 355
Size (international)	54 (L)	56 (XL)

Type	APJ OD OG 58	APJ OD OG 60
Part No.	787 356	787 357
Size (international)	58 (XL/2XL)	60 (2XL)

Type	APJ OD OG 62	APJ OD OG 64
Part No.	787 358	787 802
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APJ OD OG 66	APJ OD OG 68
Part No.	787 803	787 804
Size (international)	66 (4XL)	68 (4XL/5XL)

Arc-fault-tested protective trousers - fluorescent orange, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	TOORGRRE0000P0

Type	APT OD OG 42	APT OD OG 44
Part No.	787 850	787 851
Size (international)	42 (2XS)	44 (2XS/XS)

Type	APT OD OG 46	APT OD OG 48
Part No.	787 360	787 361
Size (international)	46 (XS)	48 (S)

Type	APT OD OG 50	APT OD OG 52
Part No.	787 362	787 363
Size (international)	50 (M)	52 (M/L)

Type	APT OD OG 54	APT OD OG 56
Part No.	787 364	787 365
Size (international)	54 (L)	56 (XL)

Type	APT OD OG 58	APT OD OG 60
Part No.	787 366	787 367
Size (international)	58 (XL/2XL)	60 (2XL)

Type	APT OD OG 62	APT OD OG 64
Part No.	787 368	787 852
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APT OD OG 66	APT OD OG 68
Part No.	787 853	787 854
Size (international)	66 (4XL)	68 (4XL/5XL)



*) Outer fabric after preparation

Arc-fault-tested protective jacket - fluorescent orange, men's short sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	JOORGRRE0000P0000

Type	APJ OD OG 22	APJ OD OG 23
Part No.	787 810	787 811
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APJ OD OG 24	APJ OD OG 25
Part No.	787 812	787 813
Size (international)	24 (S-K)	25 (M-K)

Type	APJ OD OG 26	APJ OD OG 27
Part No.	787 814	787 815
Size (international)	26 (M/L-K)	27 (L-K)

Type	APJ OD OG 28	APJ OD OG 29
Part No.	787 816	787 817
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type	APJ OD OG 30
Part No.	787 818
Size (international)	30 (2XL-K)

Arc-fault-tested protective trousers - fluorescent orange, men's short sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	TOORGRRE0000P0

Type	APT OD OG 22	APT OD OG 23
Part No.	787 860	787 861
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APT OD OG 24	APT OD OG 25
Part No.	787 862	787 863
Size (international)	24 (S-K)	25 (M-K)

Type	APT OD OG 26	APT OD OG 27
Part No.	787 864	787 865
Size (international)	26 (M/L-K)	27 (L-K)

Type	APT OD OG 28	APT OD OG 29
Part No.	787 866	787 867
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type	APT OD OG 30
Part No.	787 868
Size (international)	30 (2XL-K)

Arc-fault-tested protective jacket - fluorescent orange, men's long sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	JOORGRRE0000P0000

Type	APJ OD OG 90	APJ OD OG 94
Part No.	787 820	787 821
Size (international)	90 (XS-L)	94 (S-L)

Type	APJ OD OG 98	APJ OD OG 102
Part No.	787 822	787 823
Size (international)	98 (M-L)	102 (M/L-L)

Type	APJ OD OG 106	APJ OD OG 110
Part No.	787 824	787 825
Size (international)	106 (L-L)	110 (XL-L)

Type	APJ OD OG 114	APJ OD OG 118
Part No.	787 826	787 827
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

Arc-fault-tested protective trousers - fluorescent orange, men's long sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	TOORGRRE0000P0

Type	APT OD OG 90	APT OD OG 94
Part No.	787 870	787 871
Size (international)	90 (XS-L)	94 (S-L)

Type	APT OD OG 98	APT OD OG 102
Part No.	787 872	787 873
Size (international)	98 (M-L)	102 (M/L-L)

Type	APT OD OG 106	APT OD OG 110
Part No.	787 874	787 875
Size (international)	106 (L-L)	110 (XL-L)

Type	APT OD OG 114	APT OD OG 118
Part No.	787 876	787 877
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

*) Outer fabric after preparation

Arc-fault-tested protective jacket - fluorescent orange, standard ladies' sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	JOORGRRE0000P0000

Type	APJ OD OG F 34	APJ OD OG F 36
Part No.	787 830	787 831
Size (international)	34 (XS)	36 (S)

Type	APJ OD OG F 38	APJ OD OG F 40
Part No.	787 832	787 833
Size (international)	38 (M)	40 (M/L)

Type	APJ OD OG F 42	APJ OD OG F 44
Part No.	787 834	787 835
Size (international)	42 (L)	44 (XL)

Type	APJ OD OG F 46	APJ OD OG F 48
Part No.	787 836	787 837
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APJ OD OG F 50	APJ OD OG F 52
Part No.	787 838	787 839
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APJ OD OG F 54	APJ OD OG F 56
Part No.	787 840	787 841
Size (international)	54 (3XL/4XL)	56 (4XL)

Arc-fault-tested protective trousers - fluorescent orange, standard ladies' sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red
Design code	TOORGRRE0000P0

Type	APT OD OG F 34	APT OD OG F 36
Part No.	787 880	787 881
Size (international)	34 (XS)	36 (S)

Type	APT OD OG F 38	APT OD OG F 40
Part No.	787 882	787 883
Size (international)	38 (M)	40 (M/L)

Type	APT OD OG F 42	APT OD OG F 44
Part No.	787 884	787 885
Size (international)	42 (L)	44 (XL)

Type	APT OD OG F 46	APT OD OG F 48
Part No.	787 886	787 887
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APT OD OG F 50	APT OD OG F 52
Part No.	787 888	787 889
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APT OD OG F 54	APT OD OG F 56
Part No.	787 890	787 891
Size (international)	54 (3XL/4XL)	56 (4XL)

*) Outer fabric after preparation

Arc-fault-tested protective jacket - configurable



Type	APJ OD KONFI
Part No.	785 359
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Configurable:	
Main colour	fluorescent yellow / fluorescent orange
Accent colour	grey / black
Zipper	red / black
Logo	yes / no
Logo position (1-4)	Breast right / stand-up collar left / stand-up collar back / back
Name	yes / no (max. 22 characters)
Size (international)	from 46 (XS) to 62 (3XL)

Design code / **Attention:** please specify the unique design code when ordering

Arc-fault-tested protective trousers - configurable



Type	APT OD KONFI
Part No.	785 369
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	16 cal / cm ²)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m ²
Configurable:	
Main colour	fluorescent yellow / fluorescent orange
Accent colour	grey / black
Zipper	red / black
Logo	yes / no
Logo position (5)	Pocket left trouser leg
Size (international)	from 46 (XS) to 62 (3XL)

Design code / **Attention:** please specify the unique design code when ordering

Accessories for DEHNcare ArcFit protective trousers

Belt for APT ID / OD, flame-retardant

- Elastic



General technical data:

Colour	black
--------	-------

Type	APA B 80	APA B 90
Part No.	785 377	785 370
Length	80 cm	90 cm
- Men's standard sizes	42	44 + 46
- Men's short sizes	-	22 + 23
- Men's long sizes	-	90
- Ladies' standard sizes	34 + 36	38 + 40

Type	APA B 100	APA B 110
Part No.	785 371	785 372
Length	100 cm	110 cm
- Men's standard sizes	48 + 50	52 + 54
- Men's short sizes	24 + 25	26 + 27
- Men's long sizes	94 + 98	102 + 106
- Ladies' standard sizes	42 + 44	46 + 48

Type	APA B 120	APA B 130
Part No.	785 373	785 374
Length	120 cm	130 cm
- Men's standard sizes	56 + 58	60 + 62
- Men's short sizes	28 + 29	30
- Men's long sizes	110 + 114	118
- Ladies' standard sizes	50 + 52	54 + 56

Type	APA B 140	APA B 150
Part No.	785 375	785 376
Length	140 cm	150 cm
- Men's standard sizes	64 + 66	68
- Men's short sizes	-	-
- Men's long sizes	-	-
- Ladies' standard sizes	-	-

*) Outer fabric after preparation

DEHNcare ArcFit Indoor

The multinorm all-rounder:
The all-round single-layer
material ensures great mobility
for all activities, a perfect fit for
every figure and a comfortable
feeling all day long.



Arc-fault-tested
protective clothing
for everyday use.

Arc-fault-tested protective jacket, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	JIGRBLRE0000P0000

Type	APJ ID 42	APJ ID 44
Part No.	787 600	787 601
Size (international)	42 (2XS)	44 (2XS/XS)

Type	APJ ID 46	APJ ID 48
Part No.	785 330	785 331
Size (international)	46 (XS)	48 (S)

Type	APJ ID 50	APJ ID 52
Part No.	785 332	785 333
Size (international)	50 (M)	52 (M/L)

Type	APJ ID 54	APJ ID 56
Part No.	785 334	785 335
Size (international)	54 (L)	56 (XL)

Type	APJ ID 58	APJ ID 60
Part No.	785 336	785 337
Size (international)	58 (XL/2XL)	60 (2XL)

Type	APJ ID 62	APJ ID 64
Part No.	785 338	787 602
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APJ ID 66	APJ ID 68
Part No.	787 603	787 604
Size (international)	66 (4XL)	68 (4XL/5XL)

Arc-fault-tested protective trousers, standard men's sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	TIGRBLRE0000P0

Type	APT ID 42	APT ID 44
Part No.	787 650	787 651
Size (international)	42 (2XS)	44 (2XS/XS)

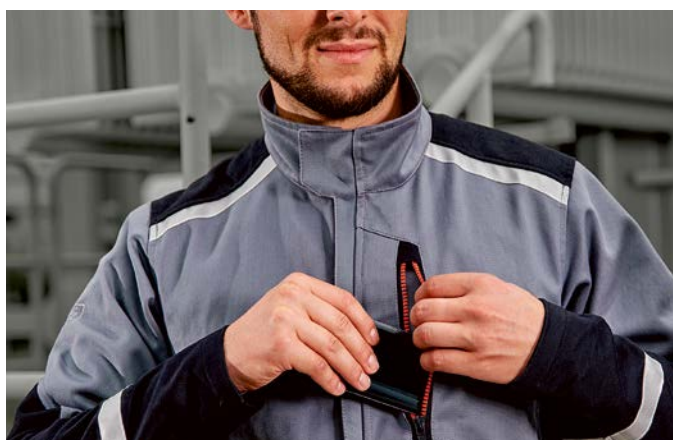
Type	APT ID 46	APT ID 48
Part No.	785 340	785 341
Size (international)	46 (XS)	48 (S)

Type	APT ID 50	APT ID 52
Part No.	785 342	785 343
Size (international)	50 (M)	52 (M/L)

Type	APT ID 54	APT ID 56
Part No.	785 344	785 345
Size (international)	54 (L)	56 (XL)

Type	APT ID 62	APT ID 64
Part No.	785 348	787 652
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	APT ID 66	APT ID 68
Part No.	787 653	787 654
Size (international)	66 (4XL)	68 (4XL/5XL)



*) Outer fabric after preparation

Arc-fault-tested protective jacket, men's short sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	JIGRBLRE0000P0000

Type	APJ ID 22	APJ ID 23
Part No.	787 610	787 611
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APJ ID 24	APJ ID 25
Part No.	787 612	787 613
Size (international)	24 (S-K)	25 (M-K)

Type	APJ ID 26	APJ ID 27
Part No.	787 614	787 615
Size (international)	26 (M/L-K)	27 (L-K)

Type	APJ ID 28	APJ ID 29
Part No.	787 616	787 617
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APJ ID 30
Part No.		787 618
Size (international)		30 (2XL-K)

Arc-fault-tested protective jacket, men's long sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	JIGRBLRE0000P0000

Type	APJ ID 90	APJ ID 94
Part No.	787 620	787 621
Size (international)	90 (XS-L)	94 (S-L)

Type	APJ ID 98	APJ ID 102
Part No.	787 622	787 623
Size (international)	98 (M-L)	102 (M/L-L)

Type	APJ ID 106	APJ ID 110
Part No.	787 624	787 625
Size (international)	106 (L-L)	110 (XL-L)

Type	APJ ID 114	APJ ID 118
Part No.	787 626	787 627
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

*) Outer fabric after preparation

Arc-fault-tested protective trousers, men's short sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	TIGRBLRE0000P0

Type	APT ID 22	APT ID 23
Part No.	787 660	787 661
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APT ID 24	APT ID 25
Part No.	787 662	787 663
Size (international)	24 (S-K)	25 (M-K)

Type	APT ID 26	APT ID 27
Part No.	787 664	787 665
Size (international)	26 (M/L-K)	27 (L-K)

Type	APT ID 28	APT ID 29
Part No.	787 666	787 667
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APT ID 30
Part No.		787 668
Size (international)		30 (2XL-K)

Arc-fault-tested protective trousers, men's long sizes



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *)
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	TIGRBLRE0000P0

Type	APT ID 90	APT ID 94
Part No.	787 670	787 671
Size (international)	90 (XS-L)	94 (S-L)

Type	APT ID 98	APT ID 102
Part No.	787 672	787 673
Size (international)	98 (M-L)	102 (M/L-L)

Type	APT ID 106	APT ID 110
Part No.	787 674	787 675
Size (international)	106 (L-L)	110 (XL-L)

Type	APT ID 114	APT ID 118
Part No.	787 676	787 677
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

Arc-fault-tested protective jacket, standard ladies' sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	JIGRBLRE0000P0000

Type	APJ ID F 34	APJ ID F 36
Part No.	787 630	787 631
Size (international)	34 (XS)	36 (S)

Type	APJ ID F 38	APJ ID F 40
Part No.	787 632	787 633
Size (international)	38 (M)	40 (M/L)

Type	APJ ID F 42	APJ ID F 44
Part No.	787 634	787 635
Size (international)	42 (L)	44 (XL)

Type	APJ ID F 46	APJ ID F 48
Part No.	787 636	787 637
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APJ ID F 50	APJ ID F 52
Part No.	787 638	787 639
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APJ ID F 54	APJ ID F 56
Part No.	787 640	787 641
Size (international)	54 (3XL/4XL)	56 (4XL)

Arc-fault-tested protective jacket - configurable



Type	APJ ID KONFI
Part No.	785 339
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Configurable:	

Main colour	grey / black / dark blue / red / orange
-------------	---

Accent colour	grey / black / dark blue / red / orange
---------------	---

Zipper	red / black
--------	-------------

Logo	yes / no
------	----------

Logo position (1-4)	Breast right / back / stand-up collar left / stand-up collar back
---------------------	---

Name	yes / no (max. 22 characters)
------	-------------------------------

Size (international)	from 46 (XS) to 62 (3XL)
----------------------	--------------------------

Design code / **Attention:** please specify the unique design code when ordering

Arc-fault-tested protective trousers, standard ladies' sizes



General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Main colour	grey
Accent colour	black
Zipper	red
Design code	TIGRBLRE0000P0

Type	APT ID F 34	APT ID F 36
Part No.	787 680	787 681
Size (international)	34 (XS)	36 (S)

Type	APT ID F 38	APT ID F 40
Part No.	787 682	787 683
Size (international)	38 (M)	40 (M/L)

Type	APT ID F 42	APT ID F 44
Part No.	787 684	787 685
Size (international)	42 (L)	44 (XL)

Type	APT ID F 46	APT ID F 48
Part No.	787 686	787 687
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APT ID F 50	APT ID F 52
Part No.	787 688	787 689
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APT ID F 54	APT ID F 56
Part No.	787 690	787 691
Size (international)	54 (3XL/4XL)	56 (4XL)

Arc-fault-tested protective trousers - configurable



Type	APT ID KONFI
Part No.	785 349
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc rating - ATPV (open arc)	18 cal / cm ² *
Arc rating - ELIM (open arc)	13 cal / cm ²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m ²
Configurable:	

Main colour	grey / black / dark blue / red / orange
-------------	---

Accent colour	grey / black / dark blue / red / orange
---------------	---

Zipper	red / black
--------	-------------

Logo	yes / no
------	----------

Logo position (5)	Pocket left trouser leg
-------------------	-------------------------

Size (international)	from 46 (XS) to 62 (3XL)
----------------------	--------------------------

Design code / **Attention:** please specify the unique design code when ordering

*) Outer fabric after preparation

DEHNcare ArcFit HLP 63

All-round protection with arc fault protection class APC 2: This sophisticated personal protective clothing has been developed for work on electrical installations with higher energies. With a comfortable cut so you can pull them on over your normal protective clothing for special jobs.



Personal protective clothing for work on electrical installations with higher energies.

Arc-fault-tested protective jacket



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test)	630 kJ
Arc rating - ATPV (open arc)	63 cal / cm ²
Arc rating - ELIM (open arc)	58 cal / cm ²
PPE category (NFPA 70E)	PPE 4
Weight per unit area - outer fabric	225 g / m ²
Weight per unit area - lining / non-woven material	430 g/m ²
Colour	navy blue
Zipper	red

Type	APJ 63C S	APJ 63C M
Part No.	787 370	787 371
Size (international)	48 (S)	50/52 (M)

Type	APJ 63C L	APJ 63C XL
Part No.	787 372	787 373
Size (international)	52/54 (L)	56/58 (XL)

Type	APJ 63C 2XL	APJ 63C 3XL
Part No.	787 374	787 375
Size (international)	58/60 (2XL)	62/64 (3XL)

Type		APJ 63C 4XL
Part No.		787 376
Size (international)		64/66 (4XL)

Arc-fault-tested protective trousers (bib overall as over-trousers)



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test)	630 kJ
Arc rating - ATPV (open arc)	63 cal / cm ²
Arc rating - ELIM (open arc)	58 cal / cm ²
PPE category (NFPA 70E)	PPE 4
Weight per unit area - outer fabric	225 g / m ²
Weight per unit area - lining / non-woven material	430 g/m ²
Colour	navy blue
Zipper	red

Type	APD 63C S	APD 63C M
Part No.	787 380	787 381
Size (international)	48 (S)	50/52 (M)

Type	APD 63C L	APD 63C XL
Part No.	787 382	787 383
Size (international)	52/54 (L)	56/58 (XL)

Type	APD 63C 2XL	APD 63C 3XL
Part No.	787 384	787 385
Size (international)	58/60 (2XL)	62/64 (3XL)

Type		APD 63C 4XL
Part No.		787 386
Size (international)		64/66 (4XL)

*) Outer fabric after preparation

DEHNcare ArcClassic

Noticeable protection, which sensitises you to the dangers posed by electricity.
Protective equipment for transformer stations and switch gear installations, in which non-routine switching operations are performed.

Comfortable to wear thanks to the mixture of breathable leather and neoprene.



Protective equipment in transformer stations and switchgear installations for non-routine switching operations.

Arc-fault-tested protective coat

- Reinforced stand-up collar
- Handy pockets on the arm
- With zipper and hook-and-loop fastener



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test)	630 kJ
EuroTest PIP001 (10 kA / 1 s - three-pole)	Yes
Arc Rating - ATPV (Open Arc Test)	33.1 cal / cm ²
PPE category (NFPA 70E)	PPE 3

Type	APC 48 50	APC 52 54
Part No.	785 755	785 756
Size (international)	48 / 50 (M)	52 / 54 (L)

Type	APC 56 58	APC 60 62
Part No.	785 757	785 758
Size (international)	56 / 58 (XL)	60 / 62 (XXL)

Type		APC 64 66
Part No.		785 759
Size (international)		64 / 66 (3XL)

Arc-fault-tested protective jacket

- Reinforced stand-up collar
- Handy pockets on the arm
- With zipper and hook-and-loop fastener



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test)	630 kJ
EuroTest PIP001 (10 kA / 1 s - three-pole)	Yes
Arc Rating - ATPV (Open Arc Test)	33.1 cal / cm ²
PPE category (NFPA 70E)	PPE 3

Type	APJ 46	APJ 48
Part No.	785 769	785 770
Size (international)	46 (XS)	48 (S)

Type	APJ 50	APJ 52
Part No.	785 771	785 772
Size (international)	50 (M)	52 (L)

Type	APJ 54	APJ 56
Part No.	785 773	785 774
Size (international)	54 (XL)	56 (XXL)

Type		APJ 58
Part No.		785 775
Size (international)		58 (3XL)

Arc-fault-tested protective trousers

- Knee pads and pair of braces included
- Inner pockets for knee pads
- Adjustable belt



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ
Extended electric arc energy (W_{arc} or W_{LBP}) (based on box test)	630 kJ
Arc Rating - ATPV (Open Arc Test)	29.2 cal / cm ²
PPE category (NFPA 70E)	PPE 3

Type	APT 46	APT 48
Part No.	785 779	785 780
Size (international)	46 (XS)	48 (S)

Type	APT 50	APT 52
Part No.	785 781	785 782
Size (international)	50 (M)	52 (L)

Type	APT 54	APT 56
Part No.	785 783	785 784
Size (international)	54 (XL)	56 (XXL)

Type		APT 58
Part No.		785 785
Size (international)		58 (3XL)

In case of very heavy soiling, the coat, jacket and trousers can be dry cleaned by a specialist leather cleaner.

Accessories for DEHNcare ArcClassic protective trousers

Pair of braces

For arc-fault-tested protective trousers, with four hook-and-loop fasteners.



Type	APA B
Part No.	785 788
Colour	black ●

Knee pads

For arc-fault-tested protective trousers, for attaching to the lining of the trouser legs (pockets).



Type	APA KP
Part No.	785 789
Material	Foam



APG XT gloves

Maximum protection for your most important tools: your hands. Proven mixture of leather and neoprene provides more mobility.

Arc-fault-tested protective glove, protection class: APC 2 150



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2 150	
Arc power (W_{arc} or W_{LBP})	320 kJ	
Arc Rating - ATPV (Open Arc Test)	40 cal / cm ²	
PPE category (NFPA 70E)	PPE 4	
Gauntlet length	140 mm	

Type APG XT ...	7 APC 2 150	8 APC 2 150
Part No.	785 830	785 831
Total length	330 mm	335 mm
Size (international)	7 (S)	8 (M)

Type APG XT ...	9 APC 2 150	10 APC 2 150
Part No.	785 832	785 833
Total length	340 mm	350 mm
Size (international)	9 (L)	10 (XL)

Type APG XT ...	11 APC 2 150	12 APC 2 150
Part No.	785 834	785 835
Total length	355 mm	360 mm
Size (international)	11 (XXL)	12 (3XL)

Type APG XT ...		13 APC 2 150
Part No.		785 836
Total length		365 mm
Size (international)		13 (4XL)

Arc-fault-tested protective glove, protection class: APC 1 150



General technical data:

Arc fault protection class (box test 4 kA / 0.5 s - single-pole)	APC 1 150	
Arc power (W_{arc} or W_{LBP})	168 kJ	
Arc Rating - ATPV (Open Arc Test)	35 cal / cm ²	
PPE category (NFPA 70E)	PPE 3	
Gauntlet length	140 mm	

Type APG XT ...	7 APC 1 150	8 APC 1 150
Part No.	785 850	785 851
Total length	330 mm	335 mm
Size (international)	7 (S)	8 (M)

Type APG XT ...	9 APC 1 150	10 APC 1 150
Part No.	785 852	785 853
Total length	340 mm	350 mm
Size (international)	9 (L)	10 (XL)

Type APG XT ...	11 APC 1 150	12 APC 1 150
Part No.	785 854	785 855
Total length	355 mm	360 mm
Size (international)	11 (XXL)	12 (3XL)

Type APG XT ...		13 APC 1 150
Part No.		785 856
Total length		365 mm
Size (international)		13 (4XL)

Arc-fault-tested protective gloves with long gauntlet, protection class: APC 2 150



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2 150	
Arc power (W_{arc} or W_{LBP})	320 kJ	
Arc Rating - ATPV (Open Arc Test)	40 cal / cm ²	
PPE category (NFPA 70E)	PPE 4	
Gauntlet length	230 mm	

Type APG XT ...	7 L APC 2 150	8 L APC 2 150
Part No.	785 840	785 841
Total length	410 mm	420 mm
Size (international)	7 (S)	8 (M)

Type APG XT ...	9 L APC 2 150	10 L APC 2 150
Part No.	785 842	785 843
Total length	430 mm	435 mm
Size (international)	9 (L)	10 (XL)

Type APG XT ...	11 L APC 2 150	12 L APC 2 150
Part No.	785 844	785 845
Total length	440 mm	445 mm
Size (international)	11 (XXL)	12 (3XL)

Type APG XT ...		13 L APC 2 150
Part No.		785 846
Total length		450 mm
Size (international)		13 (4XL)

Arc-fault-tested protective gloves with long gauntlet, protection class: APC 1 150



General technical data:

Arc fault protection class (box test 4 kA / 0.5 s - single-pole)	APC 1 150	
Arc power (W_{arc} or W_{LBP})	168 kJ	
Arc Rating - ATPV (Open Arc Test)	35 cal / cm ²	
PPE category (NFPA 70E)	PPE 3	
Gauntlet length	230 mm	

Type APG XT ...	7 L APC 1 150	8 L APC 1 150
Part No.	785 860	785 861
Total length	410 mm	420 mm
Size (international)	7 (S)	8 (M)

Type APG XT ...	9 L APC 1 150	10 L APC 1 150
Part No.	785 862	785 863
Total length	430 mm	435 mm
Size (international)	9 (L)	10 (XL)

Type APG XT ...	11 L APC 1 150	12 L APC 1 150
Part No.	785 864	785 865
Total length	440 mm	445 mm
Size (international)	11 (XXL)	12 (3XL)

Type APG XT ...		13 L APC 1 150
Part No.		785 866
Total length		450 mm
Size (international)		13 (4XL)

APG & insulating glove

Work on an electric vehicle with insulating gloves.



DEHNcare APG

Arc-fault-tested protective gloves



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	32.8 cal / cm ²
PPE category (NFPA 70E)	PPE 3
Gauntlet length	115 mm

Type APG ...	8	9
Part No.	785 796	785 797
Total length	310 mm	315 mm
Size (international)	8 (M)	9 (L)

Type APG ...	10	11
Part No.	785 798	785 799
Total length	325 mm	330 mm
Size (international)	10 (XL)	11 (XXL)

Type APG ...		12
Part No.		785 800
Total length		335 mm
Size (international)		12 (3XL)

Arc-fault-tested protective gloves with long gauntlet



General technical data:

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	32.8 cal / cm ²
PPE category (NFPA 70E)	PPE 3
Gauntlet length	250 mm

Type APG ...	8 L	9 L
Part No.	785 808	785 809
Total length	440 mm	450 mm
Size (international)	8 (M)	9 (L)

Type APG ...	10 L	11 L
Part No.	785 810	785 811
Total length	455 mm	460 mm
Size (international)	10 (XL)	11 (XXL)

Type APG ...		12 L
Part No.		785 812
Total length		465 mm
Size (international)		12 (3XL)

Insulating gloves up to 1000 V

NH fuse puller with sleeve

For actuating NH fuses of sizes 00, 1, 2 and 3,



Type	NHS AG 00 3 NS
Part No.	785 645
Nominal voltage up to (U _N)	1000 V
Colour	beige ●
Material	Coated cotton fabric

Insulating gloves, category AZC

Acid, ozone and cold-resistant



General technical data:

Colour	red
Total length	360 mm
Material	Natural rubber

Type	KL-A-8-36-S	KL-A-9-36-S
Part No.	787 480	787 481
Class	00	00
Nominal voltage up to (U _N)	500 V	500 V
Wall thickness	0.5 mm	0.5 mm
Size	8	9

Type	KL-A-10-36-S	KL-A-11-36-S
Part No.	787 482	787 483
Class	00	00
Nominal voltage up to (U _N)	500 V	500 V
Wall thickness	0.5 mm	0.5 mm
Size	10	11

Type	KL-B-8-36-S	KL-B-9-36-S
Part No.	787 484	787 485
Class	0	0
Nominal voltage up to (U _N)	1000 V	1000 V
Wall thickness	1.0 mm	1.0 mm
Size	8	9

Type	KL-B-10-36-S	KL-B-11-36-S
Part No.	787 486	787 487
Class	0	0
Nominal voltage up to (U _N)	1000 V	1000 V
Wall thickness	1.0 mm	1.0 mm
Size	10	11

**Insulating gloves, category RC,
arc-fault-tested to protection
class APC 2**



General technical data:

Class	0
Nominal voltage up to (U _N)	1000 V
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Colour	red
Wall thickness	1.0 mm
Total length	360 mm
Material	Natural latex

Type	CG-10/S2 A R 8	CG-10/S2 B R 9
Part No.	785 381	785 382
Size	8	9

Type	CG-10/S2 C R 10	CG-10/S2 D R 11
Part No.	785 383	785 384
Size	10	11

**Insulating gloves,
category RC**

Resistant against acids, ozone
and oil, as well as extremely
low temperatures



General technical data:

Colour	black
Total length	360 mm
Material	Natural rubber

Type	KC-AI-8-36-S	KC-AI-9-36-S
Part No.	787 490	787 491
Class	00	00
Nominal voltage up to (U _N)	500 V	500 V
Wall thickness	1.8 mm	1.8 mm
Size	8	9
Arc rating as per ASTM F2675	14 cal / cm ²	14 cal / cm ²

Type	KC-AI-10-36-S	KC-AI-11-36-S
Part No.	787 492	787 493
Class	00	00
Nominal voltage up to (U _N)	500 V	500 V
Wall thickness	1.8 mm	1.8 mm
Size	10	11
Arc rating as per ASTM F2675	14 cal / cm ²	14 cal / cm ²

Type	KC-BI-8-36-S	KC-BI-9-36-S
Part No.	787 494	787 495
Class	0	0
Nominal voltage up to (U _N)	1000 V	1000 V
Wall thickness	2.3 mm	2.3 mm
Size	8	9
Arc rating as per ASTM F2675	25 cal / cm ²	25 cal / cm ²

Type	KC-BI-10-36-S	KC-BI-11-36-S
Part No.	787 496	787 497
Class	0	0
Nominal voltage up to (U _N)	1000 V	1000 V
Wall thickness	2.3 mm	2.3 mm
Size	10	11
Arc rating as per ASTM F2675	25 cal / cm ²	25 cal / cm ²

**Accessories for insulating
gloves up to 1000 V**

Pneumatic glove tester

Suitable for periodic inspection
pursuant to EN 60903.



Type	VPG90
Part No.	787 000
Colour	grey ●

Storage bag, empty



Type	AT IHS NS
Part No.	785 490
Dimensions	400 x 180 x 50 mm
Colour	brown ●

Insulating gloves up to 36 kV

Insulating gloves - class 1

Resistant against acids, ozone and oil, as well as extremely low temperatures



General technical data:

Max. operating voltage	7.5 kV
Test voltage	10 kV
Total length	360 mm
Packaging colour	white

Type	KL-C-8-41-S	KL-C-9-41-S
Part No.	787 100	787 101
Size	8	9

Type	KL-C-10-41-S	KL-C-11-41-S
Part No.	787 102	787 103
Size	10	11

Insulating gloves - class 2

Resistant against acids, ozone and oil, as well as extremely low temperatures



General technical data:

Max. operating voltage	17 kV
Test voltage	20 kV
Total length	410 mm
Packaging colour	white / yellow

Type	KL-D-8-41-S	KL-D-9-41-S
Part No.	787 104	787 105
Size	8	9

Type	KL-D-10-41-S	KL-D-11-41-S
Part No.	787 106	787 107
Size	10	11

Insulating gloves - class 3

Resistant against acids, ozone and oil, as well as extremely low temperatures



General technical data:

Max. operating voltage	26.5 kV
Test voltage	30 kV
Total length	410 mm
Packaging colour	white / green

Type	KL-E-8-41-S	KL-E-9-41-S
Part No.	787 108	787 109
Size	8	9

Type	KL-E-10-41-S	KL-E-11-41-S
Part No.	787 110	787 111
Size	10	11

Insulating gloves - class 4

Resistant against acids, ozone and oil, as well as extremely low temperatures



General technical data:

Max. operating voltage	36 kV
Test voltage	40 kV
Total length	410 mm
Packaging colour	white / green

Type	KL-F-9-41-S	KL-F-10-41-S
Part No.	787 112	787 113
Size	9	10

Type	KL-F-11-41-S
Part No.	787 114
Size	11

Accessories for insulating gloves 1000 V up to 36 kV

Pneumatic glove tester

Suitable for periodic inspection pursuant to EN 60903.



Type	VPG90
Part No.	787 000
Colour	grey ●

Storage bag, empty



Type	AT IHS NS
Part No.	785 490
Dimensions	400 x 180 x 50 mm
Colour	brown ●

Safety shoes with insulating soles up to 1000 V

Protected from head to toe: Safety shoes are an important part of personal protective equipment. These shoes with a special insulating outsole for up to 1000 V are comfy all day.



Low shoe, type FLOW
Shoe shape A



Type	FLOW SB FO E P CI WRU SRC 36	FLOW SB FO E P CI WRU SRC 37
Part No.	787 200	787 201
Size	36	37
Type	FLOW SB FO E P CI WRU SRC 38	FLOW SB FO E P CI WRU SRC 39
Part No.	787 202	787 203
Size	38	39
Type	FLOW SB FO E P CI WRU SRC 40	FLOW SB FO E P CI WRU SRC 41
Part No.	787 204	787 205
Size	40	41
Type	FLOW SB FO E P CI WRU SRC 42	FLOW SB FO E P CI WRU SRC 43
Part No.	787 206	787 207
Size	42	43
Type	FLOW SB FO E P CI WRU SRC 44	FLOW SB FO E P CI WRU SRC 45
Part No.	787 208	787 209
Size	44	45
Type	FLOW SB FO E P CI WRU SRC 46	FLOW SB FO E P CI WRU SRC 47
Part No.	787 210	787 211
Size	46	47

Laced boots, type LIGHT
Shoe shape B



Type	LIGHT SB FO E P CI WRU SRC 36	LIGHT SB FO E P CI WRU SRC 37
Part No.	787 220	787 221
Size	36	37
Type	LIGHT SB FO E P CI WRU SRC 38	LIGHT SB FO E P CI WRU SRC 39
Part No.	787 222	787 223
Size	38	39
Type	LIGHT SB FO E P CI WRU SRC 40	LIGHT SB FO E P CI WRU SRC 41
Part No.	787 224	787 225
Size	40	41
Type	LIGHT SB FO E P CI WRU SRC 42	LIGHT SB FO E P CI WRU SRC 43
Part No.	787 226	787 227
Size	42	43
Type	LIGHT SB FO E P CI WRU SRC 44	LIGHT SB FO E P CI WRU SRC 45
Part No.	787 228	787 229
Size	44	45
Type	LIGHT SB FO E P CI WRU SRC 46	LIGHT SB FO E P CI WRU SRC 47
Part No.	787 230	787 231
Size	46	47

Helmet, visor, hood, balaclava

Maximum safety and comfort for head and face when working on electrical installations.

Find the ordering data for reliable and interference-tested head protection here.

Arc-fault-tested face shield with additional illumination.



DEHNcare APS with active protection

Arc-fault-tested face shield with clip

- Fits the slot in the ESH U S safety helmet for electricians
- With slot on both sides for LED face shield light



General technical data:

Material	Polycarbonate
Wall thickness	1.5 mm
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	318 kJ

Typ APS T AS ...	CL2 SC	14C SC
Part No.	785 821	785 822
Colour	transparent	light grey
Arc Rating - ATPV (Open Arc Test)	-	14 cal / cm ²
Visible light transmittance (VLT)	74.4 ... 100 %	43.2 ... 58.1 %
Light transmittance class	0	2

Typ APS T AS ...	25C SC
Part No.	785 823
Colour	grey
Arc Rating - ATPV (Open Arc Test)	25 cal / cm ²
Visible light transmittance (VLT)	43.2 ... 58.1 %
Light transmittance class	2

Arc-fault-tested face shield with tensioning strap

- Suitable for all standard safety helmets for electricians
- With slot on both sides for LED face shield light



General technical data:

Material	Polycarbonate
Wall thickness	1.5 mm
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	318 kJ

Typ APS T AS ...	CL2 FS	14C FS
Part No.	785 824	785 825
Colour	transparent	light grey
Arc Rating - ATPV (Open Arc Test)	-	14 cal / cm ²
Visible light transmittance (VLT)	74.4 ... 100 %	43.2 ... 58.1 %
Light transmittance class	0	2

Typ APS T AS ...	25C FS
Part No.	785 826
Colour	grey
Arc Rating - ATPV (Open Arc Test)	25 cal / cm ²
Visible light transmittance (VLT)	43.2 ... 58.1 %
Light transmittance class	2

Accessories for DEHNcare APS with active protection

LED face shield lamp

Suitable for slot on DEHNcare APS T AS ... face shields
Note: Battery not included!



Type	LED APS T AS
Part No.	785 829
Degree of protection	IPX4
Max. luminous flux	60 lumen

Visor holder with clip

For arc-fault-tested face shield with clip; APS T AS CL2 SC / APS T AS 14C SC / APS T AS 25C SC.



Type	VH SC APS T AS
Part No.	785 820
Material	Nylon
Colour	red

Visor holder with tensioning strap

For arc-fault-tested face shield with tensioning strap; APS T AS CL2 FS / APS T AS 14C FS / APS T AS 25C FS.



Type	VH FS APS T AS
Part No.	785 827
Material	Nylon
Colour	red

Microfibre bag

For cleaning and storage of DEHNcare APS face shields.



Type	MFB APS
Part No.	785 724
Suitable for	DEHNcare APS
Dimensions	450 x 400 mm
Colour	black ●

Spare parts for visor holder with clip

Consisting of two clips (left and right), including fixing screws.



Type	R KIT APS ... SC
Part No.	785 828
Material	Plastic

Balaclava

Arc-fault-tested balaclava



Type	APB APC2 29C
Part No.	785 790
Material	Modacrylic (55%), cotton (45%)
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2 *)
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	29 cal / cm ²
PPE category (NFPA 70E)	PPE 3
Colour	navy blue
Size (international)	One size

DEHNcare APS with lever arms

Arc-fault-tested face shield with mechanical lever arm



Type APS ...	CL1 MEHA
Part No.	785 721
Nominal voltage up to (UN)	1000 V
Colour	transparent
Material	Polycarbonate
Wall thickness	approx. 2 mm
Arc fault protection class (box test 4 kA / 0.5 s - single-pole)	APC 1
Arc power (W _{arc} or W _{LBP})	158 kJ
Visible light transmittance (VLT)	≥ 75 %

DEHNcare APS with headgear

Arc-fault-tested face shield with headgear



Type	APS ARC E1 SK7
Part No.	785 870
Nominal voltage up to (UN)	1000 V
Colour	transparent
Material	Polycarbonate
Wall thickness	approx. 2 mm
Arc fault protection class (box test 4 kA / 0.5 s - single-pole)	APC 1
Arc power (W _{arc} or W _{LBP})	168 kJ

Arc-fault-tested face shield with magnetic lever arm



Type APS ...	CL2 MAHA
Part No.	785 722
Nominal voltage up to (UN)	1000 V
Colour	blue
Material	Polycarbonate
Wall thickness	approx. 2 mm
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	318 kJ
Visible light transmittance (VLT)	≥ 74.4 %

Accessories for DEHNcare APS with headgear

Microfibre bag

For cleaning and storage of DEHNcare APS face shields.



Type	MFB APS
Part No.	785 724
Suitable for	DEHNcare APS
Dimensions	450 x 400 mm
Colour	black ●

Accessories for DEHNcare APS with lever arms

Microfibre bag

For cleaning and storage of DEHNcare APS face shields.



Type	MFB APS
Part No.	785 724
Suitable for	DEHNcare APS
Dimensions	450 x 400 mm
Colour	black ●

*) Outer fabric after preparation

DEHNcare APHO

Arc-fault-tested protective hood

Note: ESH U S safety helmet for electricians not included!



Type	APHO
Part No.	785 760
Material	Plastic, neoprene, leather
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	37.2 cal / cm ²
PPE category (NFPA 70E)	PPE 3
Visible light transmittance (VLT)	29.1 ... 43.2 %

ESH U S safety helmet for electricians

ESH U S

Safety helmet with short peak



General technical data:

Nominal voltage up to (U _N)	1000 V	
Material	HDPE plastic	
Type ESH U 1000 S ...	SY	SW
Part No.	785 705	785 706
Colour	yellow ●	white ○
Type ESH U 1000 S ...	SO	SB
Part No.	785 707	785 708
Colour	orange ●	blue ●
H U 1000 S ...		SR
Part No.		785 709
Colour		red ●

Accessories for ESH U S safety helmet for electricians

Chin strap

For ESH U S safety helmet for electricians, can be adjusted to your chin size.



Type	KR ESH U 1000
Part No.	785 738
Colour	black ●

Sweatband

For replacement on the ESH U S safety helmet for electricians



Type	SB ESH U 1000
Part No.	785 739
Material	Hydro-Flock (S31F) PVC (S31P)
PU	10 pcs

LED head lamp

- Fits the slot in the ESH U S safety helmet for electricians, in connection with face shield APS CL1 MEHA and APS CL2 MAHA
- With two separate reflectors for long-distance beam and wide-area light, with 4 switch levels
- Two charging options: micro USB or charging cradle. Charger with charging cradle included in delivery



Type	LED HL ESH
Part No.	785 723
Degree of protection	IP 67
Max. luminous flux	115 lumen

DEHNcare UnderWear

“Onion principle” for elevated protection: increase the protection level of your PPE against arc faults with our new UnderWear in conjunction with DEHNcare ArcFit.

Arc-fault-tested polo shirt, long-sleeved



General technical data:

Arc fault protection class (box test 4 kA/0.5 s - single-pole)	APC 1
Arc power (W_{arc} or W_{LBP})	168 kJ
Arc Rating - ATPV (Open Arc Test)	5.4 cal / cm ²
Material	Cotton (50%), modacrylic (39%), viscose (10%), static inhibitors (1%)
Weight per unit area	160 g/m ²
Colour	fluorescent yellow/blue
High-visibility clothing class	1

Type	APPS BC XS	APPS BC S
Part No.	787 001	787 002
Size (international)	XS	S

Type	APPS BC M	APPS BC L
Part No.	787 003	787 004
Size (international)	M	L

Type	APPS BC XL	APPS BC 2XL
Part No.	787 005	787 006
Size (international)	XL	2XL

Type	APPS BC 3XL	APPS BC 4XL
Part No.	787 007	787 008
Size (international)	3XL	4XL



Arc-fault-tested undershirt, long-sleeved



General technical data:

Arc fault protection class (box test 4 kA/0.5 s - single-pole)	APC 1
Arc power (W_{arc} or W_{LBP})	168 kJ
Arc Rating - ATPV (Open Arc Test)	4.1 cal / cm ²
In combination with DEHNcare ArcFit Indoor	31 cal / cm ²
In combination with DEHNcare ArcFit Outdoor	37 cal / cm ²
Arc Rating - ELIM (in combination with DEHNcare ArcFit Indoor)	28 cal / cm ²
Arc Rating - ELIM (in combination with DEHNcare ArcFit Outdoor)	34 cal / cm ²
Material	Cotton (50%), modacrylic (39%), viscose (10%), static inhibitors (1%)
Weight per unit area	160 g/m ²
Colour	blue

Type	APUS XS	APUS S
Part No.	787 011	787 012
Size (international)	XS	S

Type	APUS M	APUS L
Part No.	787 013	787 014
Size (international)	M	L

Type	APUS XL	APUS 2XL
Part No.	787 015	787 016
Size (international)	XL	2XL

Type	APUS 3XL	APUS 4XL
Part No.	787 017	787 018
Size (international)	3XL	4XL

Arc-fault-tested underpants



General technical data:

Arc fault protection class (box test 4 kA/0.5 s - single-pole)	APC 1
Arc power (W_{arc} or W_{LBP})	168 kJ
Arc Rating - ATPV (Open Arc Test)	4.1 cal / cm ²
In combination with DEHNcare ArcFit Indoor	31 cal / cm ²
In combination with DEHNcare ArcFit Outdoor	37 cal / cm ²
Arc Rating - ELIM (in combination with DEHNcare ArcFit Indoor)	28 cal / cm ²
Arc Rating - ELIM (in combination with DEHNcare ArcFit Outdoor)	34 cal / cm ²
Material	Cotton (50%), modacrylic (39%), viscose (10%), static inhibitors (1%)
Weight per unit area	160 g/m ²
Colour	blue

Type	APUS XS	APUP S
Part No.	787 021	787 022
Size (international)	XS	S

Type	APUP M	APUP L
Part No.	787 023	787 024
Size (international)	M	L

Type	APUP XL	APUP 2XL
Part No.	787 025	787 026
Size (international)	XL	2XL

Type	APUP 3XL	APUP 4XL
Part No.	787 027	787 028
Size (international)	3XL	4XL



Increase the protection level of your PPE against arc faults with the new UnderWear.

DEHNcare PPE sets indoor and outdoor

To have everything you need for working on electrical systems, simply grab your bag.



Indoor

For the indoor electrician set, the DEHNcare ArcFit is only available in the standard colours grey/black.



General technical data:

Protective jacket/trousers	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Protective gloves	
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	32.8 cal / cm ²
PPE category (NFPA 70E)	PPE 3
Face shield	transparent
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	318 kJ
Visible light transmittance (VLT)	74.4 ... 100 %
Light transmittance class	0
Safety helmet for electricians	yellow
Nominal voltage up to (U _N)	1000 V
Microfibre bag	450 x 400 mm
Storage bag	Ø300, 500 mm

Type PSA ESET ...	S ID	M ID
Part No.	785 906	785 900
Protective jacket/trousers	48 (S)	50 (M)
Protective gloves	9 (L)	10 (XL)
Belt	100 cm	110 cm

Type PSA ESET ...	L ID	XL ID
Part No.	785 901	785 902
Protective jacket/trousers	54 (L)	56 (XL)
Protective gloves	10 (XL)	10 (XL)
Belt	110 cm	120 cm

Type PSA ESET ...	2XL ID
Part No.	785 907
Protective jacket/trousers	60 (2XL)
Protective gloves	11 (XXL)
Belt	130 cm

Indoor - configurable

For the configurable indoor electrician set, the DEHNcare ArcFit is only available in the standard colours grey/black.



The helmet colour and sizes are freely selectable.

Type PSA ESET ...	KONFI ID
Part No.	785 960
Protective jacket/trousers	
- Men's standard sizes	42 (2XS) - 68 (4XL/5XL)
- Men's short sizes	22 (2XS/XS-K) - 30 (2XL-K)
- Men's long sizes	90 (XS-L) - 118 (2XL-L)
- Ladies' standard sizes	34 (XS) - 56 (4XL)
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Protective gloves	7 (S) / 8 (M) / 9 (L) / 10 (XL) / 11 (XXL) / 12 (3XL) / 13 (4XL)
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	320 kJ
Arc Rating - ATPV (Open Arc Test)	40 cal / cm ²
PPE category (NFPA 70E)	4
Face shield	transparent
Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W _{arc} or W _{LBP})	318 kJ
Visible light transmittance (VLT)	74.4 to 100%
Light transmittance class	0
Safety helmet for electricians	yellow / white / orange / blue / red
Nominal voltage up to (U _N)	1000 V
Belt	80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 cm
Microfibre bag	450 x 400 mm
Storage bag	650 x 400 mm

Outdoor

For the outdoor electrician set, the DEHNcare ArcFit is only available in the standard colours yellow/grey.



General technical data:

Protective jacket/trousers

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ

Protective gloves

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
Arc power (W_{arc} or W_{LBP})	320 kJ

Arc Rating - ATPV (Open Arc Test)	32.8 cal / cm ²
-----------------------------------	----------------------------

PPE category (NFPA 70E)	PPE 3
-------------------------	-------

Face shield	transparent
--------------------	-------------

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
--	-------

Arc power (W_{arc} or W_{LBP})	318 kJ
--------------------------------------	--------

Visible light transmittance (VLT)	74.4 ... 100 %
-----------------------------------	----------------

Light transmittance class	0
---------------------------	---

Safety helmet for electricians	yellow
---------------------------------------	--------

Nominal voltage up to (U_N)	1000 V
---------------------------------	--------

Microfibre bag	450 x 400 mm
-----------------------	--------------

Storage bag	Ø300, 500 mm
--------------------	--------------

Type PSA ESET ...	S OD	M OD
Part No.	785 908	785 903
Protective jacket/trousers	48 (S)	50 (M)
Protective gloves	9 (L)	10 (XL)
Belt	100 cm	110 cm

Type PSA ESET ...	L OD	XL OD
Part No.	785 904	785 905
Protective jacket/trousers	54 (L)	56 (XL)
Protective gloves	10 (XL)	10 (XL)
Belt	110 cm	120 cm

Type PSA ESET ...	2XL OD
Part No.	785 909
Protective jacket/trousers	60 (2XL)
Protective gloves	11 (XXL)
Belt	130 cm

Outdoor - configurable

For the configurable outdoor electrician set, the DEHNcare ArcFit is only available in the standard colours yellow/grey. The helmet colour and sizes are freely selectable.



Type PSA ESET ...

Part No.	KONFI OD YE 785 961
-----------------	--------------------------------

Protective jacket/trousers

- Men's standard sizes	42 (2XS) - 68 (4XL/5XL)
------------------------	-------------------------

- Men's short sizes	22 (2XS/XS-K) - 30 (2XL-K)
---------------------	----------------------------

- Men's long sizes	90 (XS-L) - 118 (2XL-L)
--------------------	-------------------------

- Ladies' standard sizes	34 (XS) - 56 (4XL)
--------------------------	--------------------

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
--	-------

Arc power (W_{arc} or W_{LBP})	320 kJ
--------------------------------------	--------

Protective gloves	7 (S) / 8 (M) / 9 (L) / 10 (XL) / 11 (XXL) / 12 (3XL) / 13 (4XL)
--------------------------	--

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
--	-------

Arc power (W_{arc} or W_{LBP})	320 kJ
--------------------------------------	--------

Arc Rating - ATPV (Open Arc Test)	40 cal / cm ²
-----------------------------------	--------------------------

PPE category (NFPA 70E)	4
-------------------------	---

Face shield	transparent
--------------------	-------------

Arc fault protection class (box test 7 kA / 0.5 s - single-pole)	APC 2
--	-------

Arc power (W_{arc} or W_{LBP})	318 kJ
--------------------------------------	--------

Visible light transmittance (VLT)	74.4 to 100%
-----------------------------------	--------------

Light transmittance class	0
---------------------------	---

Safety helmet for electricians	yellow / white / orange / blue / red
---------------------------------------	--------------------------------------

Nominal voltage up to (U_N)	1000 V
---------------------------------	--------

Belt	80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 cm
-------------	--

Microfibre bag	450 x 400 mm
-----------------------	--------------

Storage bag	650 x 400 mm
--------------------	--------------

Plastic bag / rucksack

For DEHNcare protective equipment



Storage bag

With side handle, carrying strap and string.



Type	AT 50 30
Part no.	785 442
Suitable for	ESH U + DEHNcare APS and APG
Dimensions	Ø300, 500 mm
Colour	red ●

Microfibre bag

For cleaning and storage of DEHNcare APS face shields.



Type	MFB APS
Part no.	785 724
Suitable for	DEHNcare APS
Dimensions	450 x 400 mm
Colour	black ●

Storage rucksack

With carrying straps and side net pocket with string.



Type	ARS 65 40
Part no.	785 443
Suitable for	DEHNcare protective equipment
Dimensions	650 x 400 mm
Colour	red ●



de.hn/8feNf

Surge Protection
Lightning Protection / Earthing
Safety Equipment

DEHN SE
Hans-Dehn-Straße 1
92318 Neumarkt
Germany

Phone +49 9181 906-0
info@dehn.de



Technical changes, misprints and errors are reserved. The illustrations are non-binding.

DS355/EN/1023
© Copyright 2023 DEHN SE

DEHN protects.
www.dehn-international.com

