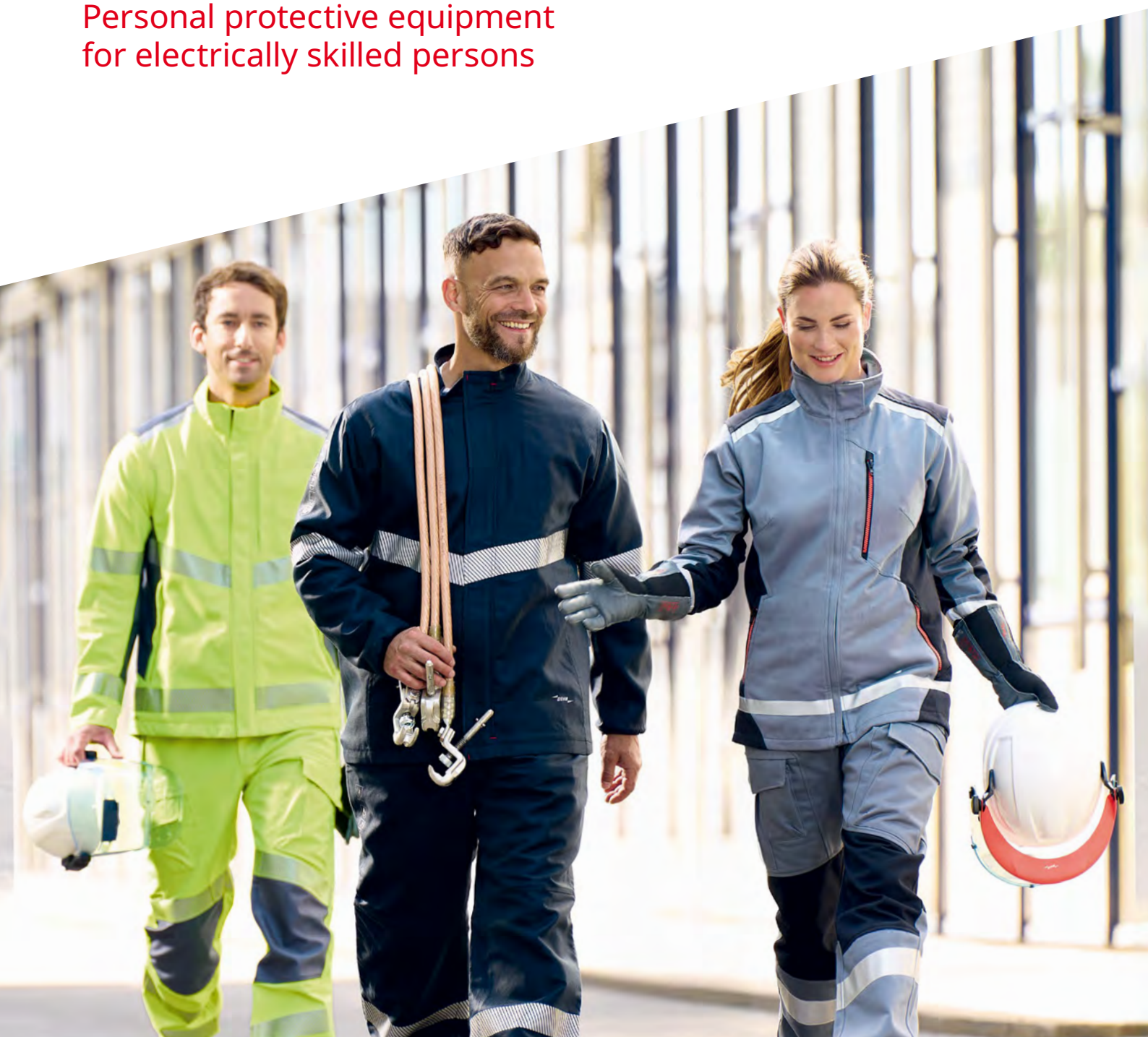
Maximum safety for your team

Personal protective equipment
for electrically skilled persons



08

DEHNcare ArcFit
The multinorm all-rounder in two collections for indoor and outdoor, for women and men

DEHNcare ArcFit HLP 63
Personal protective clothing for work on electrical installations with higher energies

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DEHNcare face protection
The clearest visor on the market

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→ 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 safetyequipment. 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.

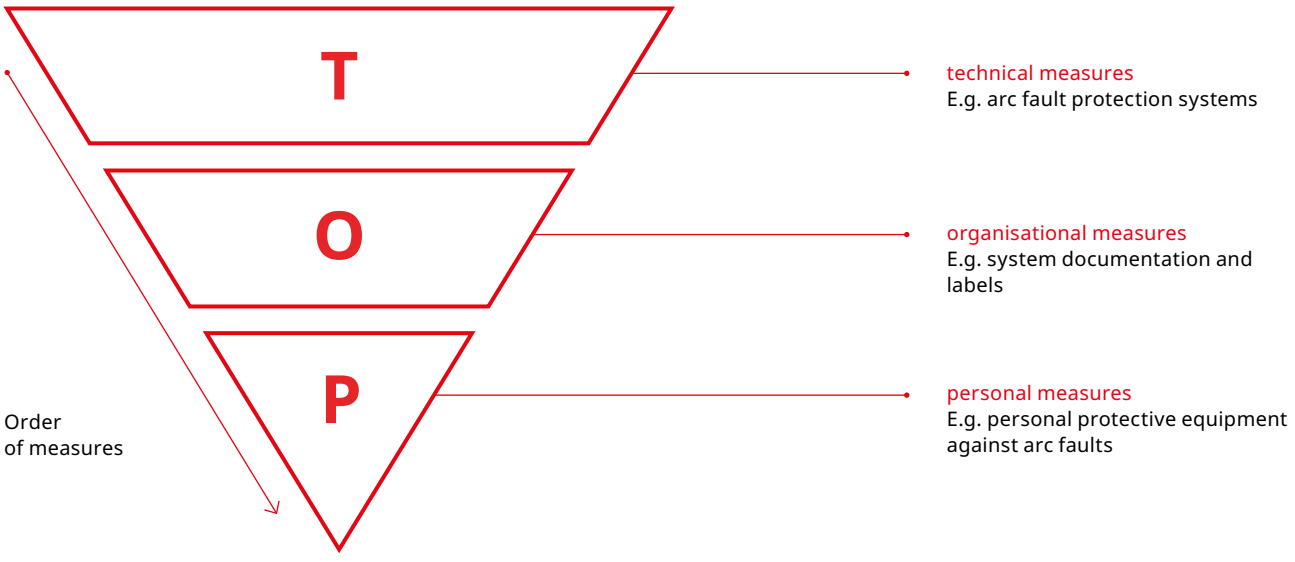
DEHNcare personal protective equipment

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, maloperation, impurities or foreign objects in the system.

Therefore, for optimum protection, plan your arc fault protection holistically and act according to the TOP principle in accordance with §4 of the German Occupational Health and Safety Act. This means that technical measures should first be taken to avoid hazards as best as possible. After that comes organisational measures and, in third place, personal protection to minimise the residual risk of injury from arc faults. When it comes to preventing electrical accidents, DEHN offers you solutions for all protection measures according to the TOP principle.

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 the risk assessment.

Every employer is obliged to carry out a risk assessment in relation to electrical engineering. DGUV Information 203-077 provides help in choosing personal protective equipment.

Typical personal protective equipment against arc faults can 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), given in cal / cm^2.

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). The box test is the basis for determining the hazard as per DGUV-I 203-077.

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

DEHNacademy
We offer free online seminars for a step-by-step introduction to the topic of arc fault protection. http://de.hn/aU5f9

DEHNarX
If you would like assistance with an arc-fault risk assessment, please feel free to contact us at
http://de.hn/4hELp

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 fault protection class APC 2

75 times industrial laundry cycles, Arc Flash Protection

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 fault protection class APC 2 with 320 kJ, All-round protection, not just for the front
- ATPV: 16 cal / cm²
- ELIM: 13 cal / cm²
- Welder protection class 1 for manual welding techniques with low formation of spatter and metal drops.
- Improved visibility when seen at speeds from 60 km/h due to combination of jacket and trousers
- Type 6 chemical protection
- Dirt-repellent and water-repellent
- also available in orange/grey
- Washable up to 60°C

Onion principle for greater protection
When combined with underwear, you get even more safety – more on page 12

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 / cm^2
→ Maximum wearing comfort
→ Protected all-round with protection against arc faults-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 fault protection class APC 2 – all-round protection; not just for the front
- ATPV: 18 cal / cm^2
- ELIM: 13 cal / cm^2
- High visibility thanks to reflective strips in accordance with 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
- Washable up to 60°C

75 times industrial laundry cycles, Arc Flash Protection

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

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 (PPE 2)

+

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

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

✓ Tested

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

+

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

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

✓ Tested

EFD warns visually, audibly and with vibration.

Your additional warning – can be adjusted to your specific system!

DEHNsense EFD | Electrical Field Detector

Clear advantages for safe working

Always at the right installation

If the technician accidentally approaches the wrong live switchgear cell or overhead contact line, a clear alarm is given.

Recognise danger in good time

Visual and acoustic signals warn against entering danger zones. DEHNsense EFD also alerts the user by vibrating.

Use exact response values

You can adapt the response sensitivity of the EFD to your specific installation in order to avoid false alarms. System profiles can be created in the DEHNwork app,then read and activated on the system via QR codes on a smartphone.

Work digitally interconnected and smart

Manage your individual system profiles easily and clearly with the DEHNwork app. Use this app to display device information and adjust the DEHNsense EFD settings to the specific application.

Long operating times

The high rechargeable battery capacity and optimised, low energy consumption ensure a long battery life. Replaceable battery charging is contactless.

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 everyday protective clothing and is therefore particularly comfortable.

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

High-Level Protection (HLP) protective equipment protects when working in higher energy installations, such as low-voltage main and medium-voltage switchgear 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/m^2
- 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 fault protection class APC 2 – all-round protection; not just for the front
- ATPV: 63 cal / cm^2
- ELIM: 58 cal / cm^2
- Class 2 welding protection for manual welding techniques with large volumes of welding spatter and metal drops
- Extended electric arc energy ($_{Warc}$ or $_{WLBP}$) (based on box test) = 630 kJ

Very high protection level
The very high ATPV of 63 cal / cm^2 equates to a hazard risk category 4.

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

DEHNcare ArcClassic

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

→ ATPV coat and jacket: 33.1 cal / cm^2

→ APTV trousers: 29.2 cal / cm^2

→ 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 fault protection class APC 2 – all-round protection; not just for the front
- ATPV coat and jacket: 33.1 cal / cm^2; Trousers: 29.2 cal / cm^2
- Extended electric arc energy ($_{Warc}$ or $_{WLBP}$) (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 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
→ In protection class APC 2 150
→ Good mobility – more feeling in your fingertips

DEHNcare APG XT protective gloves at a glance
Specially designed to provide the necessary protection even at the smallest distance from the source of risk.

- 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 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
→ Breathable - ideal for longer periods of use

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
- Protection up to the crook of the arm

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 / cm^2 or 25 cal / cm^2

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 / cm^2

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 fault 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 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 services

For DEHNcare ArcFit.

Request our colour fan

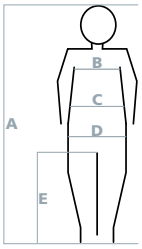
With the DEHNcare ArcFit colour fan, you can take a closer look at the material and choose your colours from the fabric samples.

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 right
http://de.hn/84iJC



DEHNcare key to symbols

Clear.

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

DEHN services

Always at your side.

DEHNacademy online safety equipment seminars

We are happy to pass on our DEHN practical know-how to you. Use the DEHNacademy to keep your team up to date as well!

DEHNacademy
We offer free online seminars for a step-by-step introduction
to the topic of arc fault protection.
http://de.hn/aU5f9

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 906-1510
technik.support@dehn.de

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 energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	16 cal / cm² *)
Arc rating – ELIM (Open Arc Test)	13 cal / cm²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	300 g/m²
Main colour	fluorescent yellow
Accent colour	grey
Zipper	red

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

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)

Arc-fault-tested bib overall fluorescent yellow, Men's standard sizes

Type	**APD OD YE 42**	**APD OD YE 44**
Part No.	**787 931**	**787 932**
Size (international)	42 (2XS)	44 (2XS/XS)

Type	**APD OD YE 46**	**APD OD YE 48**
Part No.	**787 933**	**787 934**
Size (international)	46 (XS)	48 (S)

Type	**APD OD YE 50**	**APD OD YE 52**
Part No.	**787 935**	**787 936**
Size (international)	50 (M)	52 (M/L)

Type	**APD OD YE 54**	**APD OD YE 56**
Part No.	**787 937**	**787 938**
Size (international)	54 (L)	56 (XL)

Type	**APD OD YE 58**	**APD OD YE 60**
Part No.	**787 939**	**787 940**
Size (international)	58 (XL/2XL)	60 (2XL)

Type	**APD OD YE 62**	**APD OD YE 64**
Part No.	**787 941**	**787 942**
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	**APD OD YE 66**	**APD OD YE 68**
Part No.	**787 943**	**787 944**
Size (international)	66 (4XL)	68 (4XL/5XL)

*) Outer fabric after preparation

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

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 trousers – fluorescent yellow, men's short sizes

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 bib overall fluorescent yellow, Men – short sizes

Type	APD OD YE 22	APD OD YE 23
Part No.	**787 945**	**787 946**
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APD OD YE 24	APD OD YE 25
Part No.	**787 947**	**787 948**
Size (international)	24 (S-K)	25 (M-K)

Type	APD OD YE 26	APD OD YE 27
Part No.	**787 949**	**787 950**
Size (international)	26 (M/L-K)	27 (L-K)

Type	APD OD YE 28	APD OD YE 29
Part No.	**787 951**	**787 952**
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APD OD YE 30
Part No.		**787 953**
Size (international)		30 (2XL-K)

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

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)

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

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 bib overall fluorescent yellow, Men – long sizes

Type	APD OD YE 90	APD OD YE 94
Part No.	**787 954**	**787 955**
Size (international)	90 (XS-L)	94 (S-L)

Type	APD OD YE 98	APD OD YE 102
Part No.	**787 956**	**787 957**
Size (international)	98 (M-L)	102 (M/L-L)

Type	APD OD YE 106	APD OD YE 110
Part No.	**787 958**	**787 959**
Size (international)	106 (L-L)	110 (XL-L)

Type	APD OD YE 114	APD OD YE 118
Part No.	**787 960**	**787 961**
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

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

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

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)

Arc-fault-tested bib overall fluorescent yellow, Ladies' standard sizes

Type	APD OD YE F 34	APD OD YE F 36
Part No.	**788 017**	**788 018**
Size (international)	34 (XS)	36 (S)

Type	APD OD YE F 38	APD OD YE F 40
Part No.	**788 019**	**788 020**
Size (international)	38 (M)	40 (M/L)

Type	APD OD YE F 42	APD OD YE F 44
Part No.	**788 021**	**788 022**
Size (international)	42 (L)	44 (XL)

Type	APD OD YE F 46	APD OD YE F 48
Part No.	**788 023**	**788 024**
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APD OD YE F 50	APD OD YE F 52
Part No.	**788 025**	**788 026**
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APD OD YE F 54	APD OD YE F 56
Part No.	**788 027**	**788 028**
Size (international)	54 (3XL/4XL)	56 (4XL)

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 energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	16 cal / cm² *)
Arc rating – ELIM (Open Arc Test)	13 cal / cm²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	330 g/m²
Main colour	fluorescent orange
Accent colour	grey
Zipper	red

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

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)

Arc-fault-tested bib overall fluorescent orange, Men's standard sizes

Type	**APD OD OG 42**	**APD OD OG 44**
Part No.	**787 962**	**787 963**
Size (international)	42 (2XS)	44 (2XS/XS)

Type	**APD OD OG 46**	**APD OD OG 48**
Part No.	**787 964**	**787 965**
Size (international)	46 (XS)	48 (S)

Type	**APD OD OG 50**	**APD OD OG 52**
Part No.	**787 966**	**787 967**
Size (international)	50 (M)	52 (M/L)

Type	**APD OD OG 54**	**APD OD OG 56**
Part No.	**787 968**	**787 969**
Size (international)	54 (L)	56 (XL)

Type	**APD OD OG 58**	**APD OD OG 60**
Part No.	**787 970**	**787 971**
Size (international)	58 (XL/2XL)	60 (2XL)

Type	**APD OD OG 62**	**APD OD OG 64**
Part No.	**787 972**	**787 973**
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	**APD OD OG 66**	**APD OD OG 68**
Part No.	**787 974**	**787 975**
Size (international)	66 (4XL)	68 (4XL/5XL)

*) Outer fabric after preparation.

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

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

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 bib overall fluorescent orange, Men – short sizes

Type	APD OD OG 22	APD OD OG 23
Part No.	**787 976**	**787 977**
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APD OD OG 24	APD OD OG 25
Part No.	**787 978**	**787 979**
Size (international)	24 (S-K)	25 (M-K)

Type	APD OD OG 26	APD OD OG 27
Part No.	**787 980**	**787 981**
Size (international)	26 (M/L-K)	27 (L-K)

Type	APD OD OG 28	APD OD OG 29
Part No.	**787 982**	**787 983**
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APD OD OG 30
Part No.		**787 984**
Size (international)		30 (2XL-K)

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

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

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)

Arc-fault-tested bib overall fluorescent orange, Men – long sizes

Type	**APD OD OG 90**	**APD OD OG 94**
Part No.	**787 985**	**787 986**
Size (international)	90 (XS-L)	94 (S-L)

Type	**APD OD OG 98**	**APD OD OG 102**
Part No.	**787 987**	**787 988**
Size (international)	98 (M-L)	102 (M/L-L)

Type	**APD OD OG 106**	**APJ OD OG 110**
Part No.	**787 989**	**787 990**
Size (international)	106 (L-L)	110 (XL-L)

Type	**APJ OD OG 114**	**APJ OD OG 118**
Part No.	**787 991**	**787 992**
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

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

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

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)

Arc-fault-tested bib overall fluorescent orange, Ladies' standard sizes

Type	APD OD OG F 34	APD OD OG F 36
Part No.	**787 993**	**787 994**
Size (international)	34 (XS)	36 (S)

Type	APD OD OG F 38	APD OD OG F 40
Part No.	**787 995**	**787 996**
Size (international)	38 (M)	40 (M/L)

Type	APD OD OG F 42	APD OD OG F 44
Part No.	**787 997**	**787 998**
Size (international)	42 (L)	44 (XL)

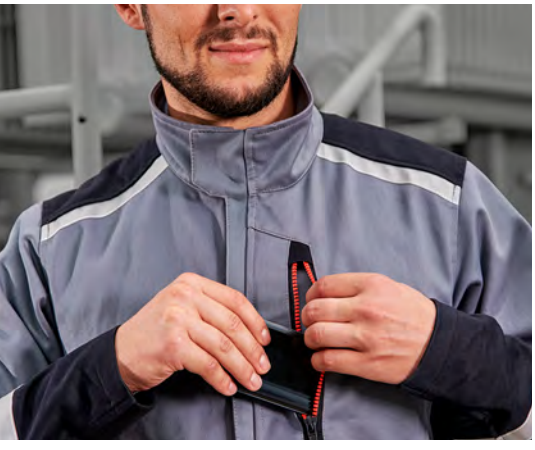
Type	APD OD OG F 46	APD OD OG F 48
Part No.	**787 999**	**788 000**
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APD OD OG F 50	APD OD OG F 52
Part No.	**788 001**	**788 002**
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APD OD OG F 54	APD OD OG F 56
Part No.	**788 003**	**788 004**
Size (international)	54 (3XL/4XL)	56 (4XL)

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 energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	18 cal / cm² *)
Arc rating – ELIM (Open Arc Test)	13 cal / cm²
PPE category (NFPA 70E)	PPE 2
Weight per unit area	450 g/m²
Main colour	grey
Accent colour	black
Zipper	red

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

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 58**	**APT ID 60**
Part No	**785 346**	**785 347**
Size (international)	58 (XL/2XL)	60 (2XL)

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)

Arc-fault-tested bib overall, standard men's sizes

Type	**APD ID 42**	**APD ID 44**
Part No.	**787 900**	**787 901**
Size (international)	42 (2XS)	44 (2XS/XS)

Type	**APD ID 46**	**APD ID 48**
Part No.	**787 902**	**787 903**
Size (international)	46 (XS)	48 (S)

Type	**APD ID 50**	**APD ID 52**
Part No.	**787 904**	**787 905**
Size (international)	50 (M)	52 (M/L)

Type	**APD ID 54**	**APJ ID 56**
Part No.	**787 906**	**787 907**
Size (international)	54 (L)	56 (XL)

Type	**APD ID 58**	**APD ID 60**
Part No.	**787 908**	**787 909**
Size (international)	58 (XL/2XL)	60 (2XL)

Type	**APD ID 62**	**APD ID 64**
Part No.	**787 910**	**787 911**
Size (international)	62 (3XL)	64 (3XL/4XL)

Type	**APD ID 66**	**APD ID 68**
Part No.	**787 912**	**787 913**
Size (international)	66 (4XL)	68 (4XL/5XL)

*) Outer fabric after preparation.

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

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 trousers, men's short sizes

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 bib overall, men's short sizes

Type	APD ID 22	APD ID 23
Part No.	**787 914**	**787 915**
Size (international)	22 (2XS/XS-K)	23 (XS-K)

Type	APD ID 24	APD ID 25
Part No.	**787 916**	**787 917**
Size (international)	24 (S-K)	25 (M-K)

Type	APD ID 26	APD ID 27
Part No.	**787 918**	**787 919**
Size (international)	26 (M/L-K)	27 (L-K)

Type	APD ID 28	APD ID 29
Part No.	**787 920**	**787 921**
Size (international)	28 (XL-K)	29 (XL/2XL-K)

Type		APD ID 30
Part No.		**787 922**
Size (international)		30 (2XL-K)

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

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)

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

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 bib overall, men's long sizes

Type	APD ID 90	APD ID 94
Part No.	**787 923**	**787 924**
Size (international)	90 (XS-L)	94 (S-L)

Type	APD ID 98	APD ID 102
Part No.	**787 925**	**787 926**
Size (international)	98 (M-L)	102 (M/L-L)

Type	APD ID 106	APD ID 110
Part No.	**787 927**	**787 928**
Size (international)	106 (L-L)	110 (XL-L)

Type	APD ID 114	APD ID 118
Part No.	**787 929**	**787 930**
Size (international)	114 (XL/2XL-L)	118 (2XL-L)

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

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 trousers, standard ladies' sizes

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 bib overall, standard ladies' sizes

Type	APD ID F 34	APD ID F 36
Part No.	**788 005**	**788 006**
Size (international)	34 (XS)	36 (S)

Type	APD ID F 38	APD ID F 40
Part No.	**788 007**	**788 008**
Size (international)	38 (M)	40 (M/L)

Type	APD ID F 42	APD ID F 44
Part No.	**788 009**	**788 010**
Size (international)	42 (L)	44 (XL)

Type	APD ID F 46	APD ID F 48
Part No.	**788 011**	**788 012**
Size (international)	46 (XL/2XL)	48 (2XL)

Type	APD ID F 50	APD ID F 52
Part No.	**788 013**	**788 014**
Size (international)	50 (2XL/3XL)	52 (3XL)

Type	APD ID F 54	APD ID F 56
Part No.	**788 015**	**788 016**
Size (international)	54 (3XL/4XL)	56 (4XL)

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	—	—

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 undershirt, long-sleeved

General technical data:	
Arc fault protection class (box test 4 kA / 0.5 s – single-pole)	APC 1
Arc energy (W_{arc} or W_{LBP})	168 kJ
Arc rating – ATPV (Open Arc Test)	4.1 cal / cm²
In combination with DEHNcare ArcFit Indoor	31 cal / cm²
In combination with DEHNcare ArcFit Outdoor	37 cal / cm²
Arc Rating – ELIM (in combination with DEHNcare ArcFit Indoor)	28 cal / cm²
Arc Rating – ELIM (in combination with DEHNcare ArcFit Outdoor)	34 cal / cm²
Material	Cotton (50 %), modacrylic (39 %), viscose (10 %), static inhibitors (1 %)
Weight per unit area	160 g/m²
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

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

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 energy (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

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

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 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 energy (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)	63 cal / cm²
Arc rating – ELIM (Open Arc Test)	58 cal / cm²
PPE category (NFPA 70E)	PPE 4
Weight per unit area – outer fabric	225 g/m²
Weight per unit area – lining / non-woven material	430 g/m²
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)

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)

Arc-fault-tested protective coat

Type	**APC 63C S**	**APC 63C M**
Part No.	**785 880**	**785 881**
Size (international)	48 (S)	50/52 (M)

Type	**APC 63C L**	**Angled physical contact 63C XL**
Part No.	**785 882**	**785 883**
Size (international)	52/54 (L)	56/58 (XL)

Type	**APC 63C 2XL**	**APC 63C 3XL**
Part No.	**785 884**	**785 885**
Size (international)	58/60 (2XL)	62/64 (3XL)

Type	**APC 63C 4XL**
Part No.	**785 886**
Size (international)	64/66 (4XL)

DEHNcare ArcClassic

Noticeable protection, which sensitises you to the dangers posed by electricity:
Protective equipment for carrying out non-routine switching operations in transformer stations and switchgear installation.
Comfortable to wear thanks to the mixture of breathable leather and neoprene.

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

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 energy (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 / cm²
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

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 hood

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

Type	**APHO AS**
Part No.	**785 750**
Material	Plastic, neoprene, leather
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	37.2 cal / cm²
PPE category (NFPA 70E)	PPE 3
Visible light transmittance (VLT)	29.1 … 43.2 %

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 energy (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 / cm²
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)

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 and APG Arc-fault-tested protective gloves

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

Arc-fault-tested protective gloves XT

General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2 150
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	40 cal / cm²
PPE category (NFPA 70E)	PPE 4
Gauntlet length	140 mm

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

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

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

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

Arc-fault-tested protective gloves, grey

General technical data:	
Arc fault protection class (box test 4 kA / 0.5 s – single-pole)	APC 2
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	35 cal / cm²
PPE category (NFPA 70E)	PPE 3
Gauntlet length	140 mm

Type APG ...	**GREY 7**	**GREY 8**
Part No.	**785 850**	**785 851**
Total length	330 mm	335 mm
Size (international)	7 (S)	8 (M)

Type APG ...	**GREY 9**	**GREY 10**
Part No.	**785 852**	**785 853**
Total length	340 mm	350 mm
Size (international)	9 (L)	10 (XL)

Type APG ...	**GREY 11**	**GREY 12**
Part No.	**785 854**	**785 855**
Total length	355 mm	360 mm
Size (international)	11 (2XL)	12 (3XL)

Type APG ...	**GREY 13**
Part No.	**785 856**
Total length	365 mm
Size (international)	13 (4XL)

Arc-fault-tested protective gloves with long gauntlet XT

General technical data:	
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2 150
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	40 cal / cm²
PPE category (NFPA 70E)	PPE 4
Gauntlet length	230 mm

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

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

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

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

Arc-fault-tested protective gloves with long gauntlet, grey

General technical data:	
Arc fault protection class (box test 4 kA / 0.5 s – single-pole)	APC 2
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	35 cal / cm²
PPE category (NFPA 70E)	PPE 3
Gauntlet length	230 mm

Type APG ...	**GREY 7 L**	**GREY 8 L**
Part No.	**785 860**	**785 861**
Total length	410 mm	420 mm
Size (international)	7 (S)	8 (M)

Type APG ...	**GREY 9 L**	**GREY 10 L**
Part No.	**785 862**	**785 863**
Total length	430 mm	435 mm
Size (international)	9 (L)	10 (XL)

Type APG ...	**GREY 11 L**	**GREY 12 L**
Part No.	**785 864**	**785 865**
Total length	440 mm	445 mm
Size (international)	11 (2XL)	12 (3XL)

Type APG ...	**GREY 13 L**
Part No.	**785 866**
Total length	450 mm
Size (international)	13 (4XL)

Arc-fault-tested protective gloves, beige

General technical data:		
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)		APC 2
Arc energy (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 (2XL)

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

Arc-fault-tested protective gloves with long gauntlet, beige

General technical data:		
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)		APC 2
Arc energy (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 (2XL)

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

Helmet, visor, Hood, balaclava

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

Find the ordering data for reliable and arc-fault-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 energy (W_{arc} or W_{LBP})	318 kJ

Type 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 / cm²
Visible light transmittance (VLT)	74.4 ... 100 %	43.2 ... 58.1 %
Light transmittance class	0	2

Type APS T AS ...	**25C SC**
Part No.	**785 823**
Colour	grey
Arc rating – ATPV (Open Arc Test)	25 cal / cm²
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 energy (W_{arc} or W_{LBP})	318 kJ

Type 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 / cm²
Visible light transmittance (VLT)	74.4 ... 100 %	43.2 ... 58.1 %
Light transmittance class	0	2

Type APS T AS ...	**25C FS**
Part No.	**785 826**
Colour	grey
Arc rating – ATPV (Open Arc Test)	25 cal / cm²
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 × 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 energy (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 headgear

Arc-fault-tested face shield with headgear

Type	APS ARC E1 SK7
Part No.	**785 870**
Nominal voltage up to (U_N)	1,000 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 energy (W_{arc} or W_{LBP})	168 kJ

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 × 400 mm
Colour	black ●

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 (U_N)	1,000 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 energy (W_{arc} or W_{LBP})	158 kJ
Visible light transmittance (VLT)	≥ 75 %

Arc-fault-tested face shield with magnetic lever arm

Type APS ...	CL2 MAHA
Part No.	**785 722**
Nominal voltage up to (U_N)	1,000 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 energy (W_{arc} or W_{LBP})	318 kJ
Visible light transmittance (VLT)	≥ 74.4 %

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 × 400 mm
Colour	black ●

*) Outer fabric after preparation.

ESH U S safety helmet for electricians

ESH U S
Safety helmet with short peak

General technical data:	
Nominal voltage up to (U_N)	1,000 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 ●

Type ESH U 1000 S ...	SR
Part No.	**785 709**
Colour	red ●

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 four 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

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

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 energy (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 energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	32.8 cal / cm²
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 energy (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)	1,000 V
Microfibre bag	450 × 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 energy (W_{arc} or W_{LBP})	320 kJ
Protective gloves	7 (S) / 8 (M) / 9 (L) / 10 (XL) / 11 (2XL) / 12 (3XL) / 13 (4XL)
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2
Arc energy (W_{arc} or W_{LBP})	320 kJ
Arc rating – ATPV (Open Arc Test)	40 cal / cm²
PPE category (NFPA 70E)	4
Face shield	transparent
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2
Arc energy (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)	1,000 V
Belt	80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 cm
Microfibre bag	450 × 400 mm
Rucksack	650 × 400 mm

Outdoor

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

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.

General technical data:

Protective jacket/trousers	
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2
Arc energy (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 energy (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 energy (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)	1,000 V
Microfibre bag	450 × 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

Type PSA ESET ...	**KONFI OD YE**
Part No.	**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 energy (W_{arc} or W_{LBP})	320 kJ
Protective gloves	7 (S) / 8 (M) / 9 (L) / 10 (XL) / 11 (XL) / 12 (3XL) / 13 (4XL)
Arc fault protection class (box test 7 kA / 0.5 s – single-pole)	APC 2
Arc energy (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 energy (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)	1,000 V
Belt	80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 cm
Microfibre bag	450 × 400 mm
Rucksack	650 × 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	Ø 300, 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 × 400 mm
Colour	black ●

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 × 400 mm
Colour	red ●

Plastic bag
With large internal pocket and long shoulder strap

Type	**AT 50 32 28**
Part No.	**785 444**
Suitable for	DEHNcare HLP 63
Dimensions	500 × 320 x 280 mm
Colour	black ●

Brings the invisible to light

DEHNproX inspection camera

The inspection camera with **DB InfraGO AG** approval facilitates the regular visual inspection and documentation of the condition of the live overhead contact line system.

- **Bring the invisible to light:** Discover hidden soiling and damage live.
- **Increase safety** The electrician remains outside the danger zone thanks to the insulating stick.
- **Document system condition:**Easy creation and archiving of photos and videos.
- **Save time:**No disconnection of the system during inspection is necessary.

Insulating gloves and other PPE for live working

Work on live parts with insulating gloves

Insulating gloves 500 V, 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

Insulating gloves 1.000 V, category AZC

Acid, ozone and cold-resistant

General technical data:	
Colour	red
Total length	360 mm
Material	Natural rubber

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)	1,000 V	1,000 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)	1,000 V	1,000 V
Wall thickness	1.0 mm	1.0 mm
Size	10	11

Insulating gloves 500 V, 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

Insulating gloves 1.000 V, 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-BI-8-36-S	KC-BI-9-36-S
Part No.	**787 494**	**787 495**
Class	0	0
Nominal voltage up to (U_N)	1,000 V	1,000 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)	1,000 V	1,000 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

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)	1,000 V
Colour	beige
Material	Coated cotton fabric

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 from 1,000 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 1,000 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 1,000 V are comfortable all day long.

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

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Surge protection
Lightning Protection / Earthing
Safety Equipment

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