



**DEHN**

DEHNcare UnderWear  
Personal protective equipment against arc faults

## Layered clothing principle increases the level of protection

The new DEHNcare UnderWear can be combined with the DEHNcare ArcFit Indoor and Outdoor protective clothing against arc faults. This gives you a higher protection class as per NFPA 70E.

### Advantages for you at a glance

- Increase in protection level (PPE 3) and up to 37 cal/cm<sup>2</sup> (ATPV)
- Combination tested and certified
- Cost saving, as no other protective clothing is required
- Comfortable to wear due to high cotton content

# DEHNcare UnderWear - combined with DEHNcare ArcFit

<p>ATPV = 31 cal/cm<sup>2</sup> (PPE 3) ELIM= 28 cal/cm<sup>2</sup></p> <p>Tested ✓</p>	 <p>DEHNcare ArcFit Indoor APC 2 (7 kA / 500 ms) ATPV = 18 cal/cm<sup>2</sup> (PPE 2)</p>	 <p>DEHNcare UnderWear APC 1 (4 kA / 500 ms) ATPV = 4.1 cal/cm<sup>2</sup> (PPE 1)</p>
<p>ATPV = 37 cal/cm<sup>2</sup> (PPE 3) ELIM= 34 cal/cm<sup>2</sup></p> <p>Tested ✓</p>	 <p>DEHNcare ArcFit Outdoor APC 2 (7 kA / 500 ms) ATPV = 16 cal/cm<sup>2</sup> (PPE 2)</p>	 <p>DEHNcare UnderWear APC 1 (4 kA / 500 ms) ATPV = 4.1 cal/cm<sup>2</sup> (PPE 1)</p>

## Resistant and standard-compliant



Technical data	Undershirt	Underpants
Arc fault protection class (box test 4 kA / 0.5 s - single-pole)	APC 1	APC 1
Arc power ( $W_{arc}$ )	168 kJ	168 kJ
Arc rating - ATPV (open arc)	4.1 cal / cm <sup>2</sup>	4.1 cal / cm <sup>2</sup>
PPE category (NFPA 70E)	PPE 1	PPE 1
Weight per unit area	160 g / m <sup>2</sup>	160 g / m <sup>2</sup>

Optimally equipped for every application with DEHNcare products against arc faults

