



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/cm² (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/cm² (PPE 3) ELIM= 28 cal/cm²</p> <p>Tested ✓</p>		+	
	<p>DEHNcare ArcFit Indoor APC 2 (7 kA / 500 ms) ATPV = 18 cal/cm² (PPE 2)</p>		<p>DEHNcare UnderWear APC 1 (4 kA / 500 ms) ATPV = 4.1 cal/cm² (PPE 1)</p>
<p>ATPV = 37 cal/cm² (PPE 3) ELIM= 34 cal/cm²</p> <p>Tested ✓</p>		+	
	<p>DEHNcare ArcFit Outdoor APC 2 (7 kA / 500 ms) ATPV = 16 cal/cm² (PPE 2)</p>		<p>DEHNcare UnderWear APC 1 (4 kA / 500 ms) ATPV = 4.1 cal/cm² (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 ²	4.1 cal / cm ²
PPE category (NFPA 70E)	PPE 1	PPE 1
Weight per unit area	160 g / m ²	160 g / m ²

Optimally equipped for every application with DEHNcare products against arc faults

