

Item No.: LM8677

## Extended safety equipment for diagnostics on HV vehicles

This set provides the optimum safety equipment for any work on a hybrid or electric vehicle. All products meet the highest quality requirements and all important international standards.

The set consists of the following items:

- Electrician's safety helmet
- Face Shield
- Balaclava
- Insulating stand mat 1000 x 1000 x 4 mm



### Electrician's safety helmet

The helmet combines a very robust ABS shell, which provides excellent protection, with a particularly comfortable strap system. As a multi-standard product, the helmet complies with the following industry standards:

- EN397 - The European standard for safety helmets
- ANSI/ISEA Z89.1 - American National Standard for Industrial Headgear
- CSA Z94.1 - Protective headgear - Performance, selection, care and use
- GB2811- Chinese Standard for Industrial Headgear
- AS/NZS1801 - The Australian standard for industrial safety helmets

### Face shield (EN 166, 170 and GS-ET-29 class 2, ATPV 17 cal/cm<sup>2</sup>)

The protective screen can be easily attached to the helmet included in the set, providing excellent protection against all types of arcs and sparks. Furthermore, it complies with both EU and US standards.

- Injection moulded visor based on polycarbonate
- 2.6 mm thickness with anti-scratch outside coating
- Anti-fog coating inside
- Side panels, clear crown, transparent clear chin guard

### Balaclava

The balaclava (size XL) is very comfortable to wear and offers additional protection. Furthermore, it is mandatory in various countries (e.g. USA).

- Complies with ANSI /ISEA 125 Level 2 and Arc Flash PPE
- CAT category 2 with an arc capacity of 12 cal/cm<sup>2</sup>

### Insulating stand mat 1000 x 1000 x 4 mm

Protective mats for electrical switch rooms tested according to DIN EN 61111, resistant to weather, ozone, light, acids, oil and fire (UL 94 V-0). The floor mat with a thickness of 3 mm has a dielectric strength of test voltage class 0 (1000 V), made of grey polymer (hardness approx. 65° Shore A), tensile strength > 10 N/mm, elongation at break > 600%, raised coarse material running surface (ribbed) for increased slip resistance, abrasion < 300 mm, temperature resistance from -30 °C to +70 °C. The floor mat is also nitrosamine- and PAH-free according to EU 1272/2013.