**maximum protection - minimum weight**

Even the best protective clothing only protects, when it is worn. For this reason we have developed IBENA® Arc made with DuPont™ Nomex®. This only 410 g/m² light innovative fabric construction combines outstanding wearing comfort with excellent protection (class 2 7kA).

Our patented solution consists of a Nomex® double fabric as outershell combined with a hydrophilic Nomex® lining fabric and offers the following advantages:

- very light weight (410 g/m²)
- maximum protection (DIN EN 61482-1-2 class 2 7kA)
- high ATPV value (41,3 cal/cm²)
- best wearing comfort through hydrophilicity
- great visual appearance, also after many washing cycles
- suitable for industrial washing
- good cost / performance ratio through long life time
- permanent flame retardant (DIN EN ISO 11612)
- antistatic (DIN EN 1149)
- welders protection class 1 (DIN EN ISO 11611)
- patented and DuPont™ certified
- Öko-Tex® Standard 100, product class 2
- standard colours on short call (dark blue, royal blue and red)
IBENA® Arc
made with DuPont™ Nomex

ATPV results of 2-layer systems

**IBENA®-Arc with Nomex®**

(IBENA® - Arc Outershell +
IBENA® - Arc Liner)

- 410 g/m²
  - (85% Nomex® /
    8% MAC / 6% CO / 1% P140, 240 ± 170 g/m²)

- 440 g/m²
  - (100% Aramide,
    220 ± 220 g/m²)

- 480 g/m²
  - (72% Nomex® / 15% MAC / 11.5% CO / 1.5% P140, 240 ± 240 g/m²)

- 485 g/m²
  - (100% Aramide,
    265 ± 220 g/m²)

- 530 g/m²
  - (100% Aramide,
    265 ± 265 g/m²)

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050 - royal blue
055 - dark blue
030 - red
lining fabric

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**EN 1149**
**EN 61482-1-2 Klasse 2**
**EN 11612**
**EN ISO 11611**

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