

DUPONT

Nomex®



Nomex® trusted protection for a changing industry

Now more than ever, utility companies face challenges associated with stricter regulations, technological disruption and greater accountability for safety performance.

With innovation being an integral part of our DNA at DuPont, the new Nomex® range of arc protective fabrics brings a new dimension of

performance and reliability to electrical utilities in South Africa. As the Nomex® fabrics are inherently fire resistant, it means that the very fibers provide flame resistant protection for the lifetime of the garment. Unlike treated cotton fabrics where there is a chance that the protection can wash out, fabrics made from Nomex® fibers do not have this issue.

Nomex® Arc
Exposure: 16 cal/cm²
Fabric Weight
240 g/m², 7.1oz/yd²



88/12
Exposure: 14 cal/cm²
Fabric Weight
260 g/m², 7.7oz/yd²

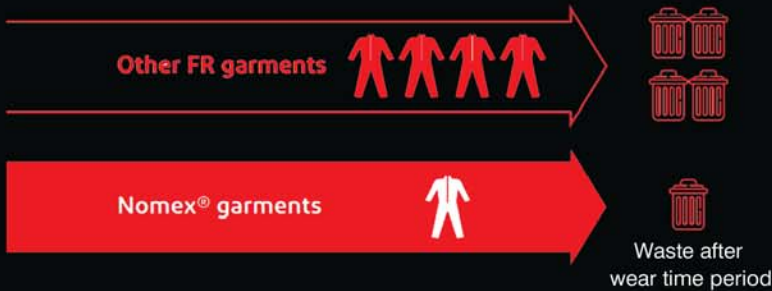
*Test performed according to IEC 61482-1-1, Method B. This test method is not used to determine Arc-Rating. Both garments passed evaluation.

New unused shirts

Shirts exposed to 16 cal/cm² and 14 cal/cm²

Impact of burn on inner face of shirt

Burn effect on undergarments



Durability = Less waste

Nomex® is a durable material and can safely be worn for longer periods of time. This eliminates the need to change garments frequently, therefore reducing the amount of waste generated by each wearer.

Our research facility with Arc-Man® is the only such test unit located at a commercial textile producer. The Arc-Man® test assesses and compares the protection a material provides in an electrical arc.

- Arc-Man® test facility located in Switzerland
- Determination of ATPV from fabric and garments
- Garments made from DuPont™ Nomex® Arc fabric which has an arc rating ATPV12.4cal/cm² complying to ISO 11612, IEC 61482-1, EN 1149, ASTM F1506, NFPA 2112, ASTM F2621 M-19, SANS 724, NFPA 70E.

For more information contact:
Dharmesh Lakmidas Cell: +27 (0) 72 098 0791
Email: dharmesh.lakmidas@dupont.com
Patricia Ntsekhe Cell: + 27 (0) 82 305 6279
Email: patricia.ntsekhe@dupont.com



<https://www.safespec.dupont.co.uk>

See DuPont Arc- Man® in Action

<https://www.youtube.com/watch?v=7Hixf4oldhs&t=3s>