

Nomex® ARC FLASH PROTECTION

Nomex® offers a tested and proven portfolio of protective solutions for electricians, wiremen and linemen with uncompromising and unparalleled protection and comfort.



Arc flash protection along with heat and flame resistance



Better protection at longer exposures and higher temperatures



Resists tears and abrasion



Inherent protection; can't be washed out or worn away



Extremely durable and long-lasting protective solutions

When it comes to FR protection, Nomex® continues to meet and exceed global standards for protection and performance – providing safety managers with peace of mind and electricians with the confidence to get the job done. That's why so many industry-leading companies trust Nomex® to keep their electricians safe.

Through our understanding of the industry and by working with you to address industry needs, Nomex® strives to solve the challenges that utility and electrical workers face. So when it comes to dangerous situations, you can face them with confidence.

All fabrics in this portfolio are suitable to be used for arc flash protection as per NEC, NESC, NFPA 70E and OSHA requirements.

NOMEX® XTREME ARC

Introducing the most innovative Nomex® offering for arc flash and FR protection. Nomex® Xtreme Arc provides an ATPV of 12 to 19 cal/cm² in a single-layer, lightweight fabric. Nomex® Xtreme Arc delivers high-quality, comfortable FR protection.

NOMEX® XTREME ARC

Nomex® Arc is a superior double-faced fabric that provides electricians, wiremen and linemen protection against arc flash and a range of other thermal hazards. Nomex® Arc offers >8 cal/cm² ATPV arc flash protection, along with its Nomex® legacy thermal protection.

NOMEX® ESSENTIAL ARC

Nomex® Essential Arc is engineered to provide arc flash protection for workers in the utility and electrical industries. Along with its mechanical properties, it also enhances the durability of the garments, which means less replacements. Nomex® Essential Arc delivers reliable arc flash protection for electricians all around the world.

Nomex® Xtreme Arc and Nomex® Arc double-face fabric technology sacrifices the external face after to protect the internal face after exposure to arc flash. This technology reduces burn severity, increasing overall protection for workers.

EXTREME PROTECTION

Our global team actively participates in standards development around the world and is committed to helping you stay in compliance by navigating changes in existing standards and staying informed about new standards.

Our four technical centers located around the globe are staffed with experts and filled with state-of-the-art technology to provide you with the technical support you need. At these centers, our scientists continuously analyze data and conduct research to keep enhancing the possibilities Nomex® can deliver.

Our research facility with Arc-Man® is one of the most accredited open arc test laboratories in the world. The Arc-Man® test helps manufacturers assess and compare the protection that various materials provide against the thermal effects of an electrical arc. All Nomex® products for the utility and general electrical industries undergo rigorous testing the Arc-Man® testing system.

We also have five Thermo-Man® units (one of the most advanced life-sized thermal burn evaluation devices). The units help demonstrate and educate safety managers about the durability, heat, and flame resistance that Nomex® delivers.

Product safety information is available upon request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DUPONT MAKES NO WARRANTIES AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, ® or © are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2019 DuPont. UT-1000-NA (10/19)



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and Specialised Safety Equipment

Tel: 0860 543 356

Email: enquiries@psafrica.co.za

www.psafrica.co.za