FR Facial Protection

Reducing COVID-19 transmission in areas with FR hazards

At DuPont, we're committed to providing materials for FR PPE that can help provide essential workers with the protection they need to do their jobs safely, while adhering to European Centre for Disease Prevention and Control (ECDC) guidelines. As per the guidance by ECDC*, the use of face masks in the community may primarily serve as a mean of source control.

While many people can simply use medical, respiratory and textile masks for facial protection, essential industrial workers, including those in oil and gas, chemical, electrical utility and manufacturing, require PPE face masks that can withstand the FR hazards they face on the job.

- Nomex® masks **won't melt, drip or burn**; non-FR masks would ignite causing severe burn during heat & flame and arc accidents.

- Masks made out of **Nomex® Nano Flex** also protect against viruses & bacteria**:

  Virus Filtration efficiency > 95% & Bacterial Filtration efficiency > 97%

- Nomex® is **inherently flame resistant,** providing protection that's built into the fiber and can't be washed out or worn away.

- Nomex® is **lightweight and low-linting**, providing the best balance of comfort and protection.

- Nomex® masks also support **sustainability** offering **re-usability** and **high durability** for the wearer.

When used as face, nose and mouth coverings: balaclavas, snoods, masks and hoods made with Nomex® can be worn in environments that require FR protection, as well as may help meet the ECDC guidance for wearing masks.

Our trusted partners offer several FR facial protection products made with Nomex® Fabric and Nomex® Nano Flex that are available for purchase. To help you find the right facial protection for your job, we've included a reference chart. For further assistance from one of our sales representatives, please **contact us**.

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Nomex.

Nomex® Nano Flex: Balaclavas, hoods and masks

Nomex® Nano Flex is a highly breathable FR material that delivers superior particle barrier performance and protect also against viruses & bacteria. Thinner and lighter than other FR materials, **Nomex® Nano Flex** delivers industry-leading protection without sacrificing comfort.

Fuchshuber Nomex® Fire Resistant Particle Barrier Firehood

Nomex® Comfort / Nomex® Nano Flex

EN13911

Learn more

Fuchshuber Techno-Tex Nomex® MNA mask with Nomex® Nano Flex filter

Inside Nomex® Nano Flex, outside knitted fabric made of 100% Nomex® Comfort

3-layer, reusable – washable, with nose clip (available in paris blue or black)

MNA mask, no certification

Learn more

Viking Firefighter Hood With Nomex® Nano Flex Technology

Triple-layer hood: Inner layer of Nomex® Nano Flex sewn between layers of viscose

Learn more

S-Gard Nano-Firehood

Nomex®-Viscose / Nomex® Nano Flex

DIN EN 13911:2017

Learn more

Fuchshuber Techno-Tex MNA mask with Nomex® Nano Flex filter

Inside Nomex® Nano Flex, outside knitted fabric made of 100% Polyester

3-layer, reusable – washable, with nose clip (available in white, royal blue, black or coolgrey)

MNA mask, no certification

Learn more

PGI Cobra™ BarriAire™ Gold Hood

Quilted three-layer composite, durable water-resistant finish on exterior layer of jersey knit with Nomex® Nano Flex particulate barrier between the layers of jersey knit, 448 g/m²

ATPV 46 cal/cm², CAT 4

Certified to NFPA 1971, meets NFPA 70E and ASTM F1506 requirements

Learn more

Nomex® Fabric: Balaclavas, hoods and masks

Nomex® Fabric provides a tested and proven portfolio of FR solutions that meet or exceed global standards for heat, flame and arc flash protection.

Alwit hood with wide vision field, yoke covering mouth, chest & shoulders

Available in black and in white

Nomex® Comfort, 240 g/m² ±5%, one- or multi-layer (available in two colours: ecru or dark blue)

Certified EN ISO 11612:2015

Learn more

Alwit hood with customized field of vision TENAX, yoke covering neck

Nomex® Comfort, 240 g/m² ±5%, one- or multi-layer (available in two colours: ecru or dark blue)

Certified EN ISO 11612:2015

Learn more

Alwit hood with field of vision for face masks, extended yoke covering neck & chest

Nomex® Comfort, 240 g/m² ±5%, one- or multi-layer (available in two colours: ecru or dark blue)

Certified EN ISO 11612:2015

Learn more

Alwit hood "Ralley" with eye holes, yoke covering neck

Nomex® Comfort, 240 g/m² ±5%, one- or multi-layer (available in two colours: ecru or dark blue)

Certified EN ISO 11612:2015

Learn more

Alwit hood with field of vision for face masks, extended yoke covering neck & chest and integrated neck protection

Nomex® Comfort, 240 g/m² ±5%, one- or multi-layer (available in two colours: ecru or dark blue)

Certified EN ISO 11612:2015

Learn more

Alwit Mouth-Nose-Mask Nomex® NXT with Powershell

Nomex® NXT, 75 % Meta-Aramid / 23 % Para-Aramid / 2 % Antistatic two-layer (available in dark blue, gold or flame red; with binding or elastic bands)

No certifications and not a medical product

Learn more

Krystian double-layer or single-layer flame retardant reusable masks

Nomex® Comfort double or single layer, 100% Nomex® (available in 150 g or 260 g)

Fabric meets anti-electrostatic and thermal arc protection standards (EN 1149-5, IEC 61482-2, EN ISO 11612), OEKO-TEX certificate

Learn more

Estambril single layer knitted Nomex® snood

EN 11612:2015, EN 1149-5, EN 15614

Learn more

Fire Protective Mask for Removable Respirators SIAMIDIS - IFESTOS® 90

Combination of 100% Nomex® COMFORT weaved and knitted fabrics for improved fit

Heat & flame protection, thermal insulation for the neck and mouth area

OEKO-TEX® STANDARD 100

Learn more

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