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 Centers for Disease Control and Prevention (CDC) guidelines. The CDC recommends, if facing possible COVID-19 exposure, “all people 2 years of age and older wear a mask in public settings and when around people who don’t live in your household, especially when other social distancing measures are difficult to maintain.”*

While many people can simply use surgical and cotton masks for facial protection, essential industrial workers, including those in oil & gas, manufacturing and utilities require PPE face masks that can withstand the FR hazards they face on the job. DuPont® Nomex® in masks won’t melt, drip or burn when exposed to heat or flame, providing these workers with the facial protection they need in an emergency flash fire situation.

Face coverings made with Nomex® may help meet the CDC guidance for wearing masks in environments that require FR protection.

Our trusted partners offer several FR face coverings made with Nomex® that are available for purchase. Unlike chemically treated fabrics, 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, highly durable and low-linting, providing the best balance of comfort and protection.

To help you find the right facial protection for your job, we’ve included a reference chart for selecting FR PPE that protects against a range of hazards. For further assistance from one of our sales representatives or for sample requests, please contact us.

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*CDC. Recommendation Regarding the Use of Cloth Face Coverings (Page last reviewed: August 7, 2020).
Nomex® Nano Flex face mask

Nomex® Nano Flex is a highly breathable FR material that delivers superior particle barrier performance without sacrificing comfort.

PGI BarriAire™ Gold Particulate Mask with Adjustable Ear Elastic

Blocks smoke, soot and airborne hazards
96% particulate efficiency (average) for particulates between 0.1 and 1.0 microns
96.8% Viral Filtration Efficiency (VFE) rating
97.9% Bacterial Filtration Efficiency (BFE)

Nomex® Comfort face masks

The unique fabric technology of Nomex® Comfort provides extreme performance in a lightweight, comfortable, highly breathable, soft-touch fabric with built-in flame resistance.

Bulwark® iQ Series® Lightweight Comfort Woven Face Covering

Two-layer 4.5 oz Nomex® Comfort Single-tie strap for adjustable fit
Sold in packs of 5

PGI Three-Layer FR Face Mask with Nomex® Nonwoven Filtration Layer

Additional spunlace Nomex® nonwoven filtration layer for particulate protection while maintaining breathability
Outer shell and lining made with 4.5 oz Nomex® Comfort fabric
Adjustable Kevlar® covered elastic ear straps and nose bridge for tight seal
Available in tan, royal blue and navy blue

PGI FR Face Mask with Adjustable Ear Elastic

Outer shell and lining made with 4.5 oz Nomex® Comfort fabric
Adjustable Kevlar® covered elastic ear straps—one size fits most
Adjustable nose bridge allows tight seal
Available in tan, royal blue and navy blue

Nomex® Fabric face 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.

Big Bill® Nomex® Flame-Resistant Face Mask

Double-layered Nomex® Essential (Nomex® IIIA) 4.5 oz Adjustable ties to customize fit

National Safety Apparel® FR Surgical Style Mask

Double-layer 4.5 oz Nomex® Essential (Nomex® IIIA) in khaki Adjustable ear loops

Saf-Tech Pleated Face Mask

Double-layered in Nomex® Essential (Nomex® IIIA) 6 oz or 4.5 oz, navy or gray Two extra long adjustable tie straps; design can be customized to meet end user need

Silver Needle Inc.™ Nomex® Face Mask

Double layer of yellow 75 oz or 6 oz Nomex® face mask, sewn with Nomex® thread Design can be customized to meet end user need Additional colors available

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Nomex® is intended for the application of industrial Personal Protective Equipment (PPE) such as coveralls, pants, shirts, hoods, and other in-kind accessories. Nomex® has not been evaluated by DuPont in medical applications such as surgical masks or other medical devices. As such, DuPont does not follow the release and quality specifications necessary for usage in medical applications for global jurisdictions. It is your company or converter’s responsibility to ensure the final products made with Nomex® are compliant with all regulatory and standard requirements.

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