

Pyrron

YOUR FIRST SAFETY IN CASE OF FIRE

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Our fire retardant technology uses the principles of carbonisation to slow down the combustion process, thus creating fabrics built to better withstand fire hazards. This flame-retarding finish ensures the material burns more slowly or not at all and reduces the proliferation of noxious fumes. By carbonising the material itself if it were to ignite, the flames lose their power supply and the fire is extinguished. Our fire retardant technology has become the go-to solution for electrical appliances and materials used in the automobile industry.

BENEFITS OF OUR FIRE RETARDANT TECHNOLOGY



**SUPPRESSES THE
COMBUSTION** PROCESS



REDUCES NOXIOUS GASES

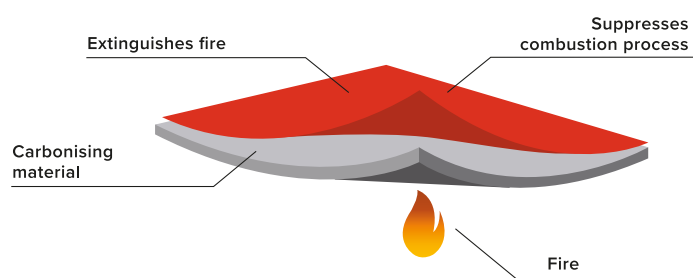


EXTINGUISHES FIRE



**FAR/JAR AND FMVSS
COMPLIANT**

HOW DOES IT WORK?



For a substance to burn, it needs to chemically be turned into gas. Yet whenever one of our fire retardant fabrics comes into contact with a flame, the **fabric will decompose and release a strong type of acid**. Next, the heat causes the acid char all the carbon present in the fabric, thus creating soot. As soot is not flammable, **the combustion process is significantly slowed** — and in many cases even halted altogether.

**The following technology can be applied to all qualities upon request*