

New Development in Flame Resistant Materials

European Manufactured

All of our FireSafe Quality materials are manufactured in the EU to ensure compliance and complete traceability.

Independent Testing

We guarantee Quality Compliance through Independent Testing and Certification rather than uncorroborated 'in house' evaluation.

Enhanced Benefits

We not only certify our materials as being FireSafe compliant to EN 45545, NF-F16101, NCB158, BS6853 and UL94 VO, we have achieved added performance criteria, taking the safety aspect of our material further than our competitors.

Technical Solutions

We offer bespoke solutions to meet your specific needs and can supply Rubber Sheeting for Gaskets and Wear Strips, and Uncured Compound for Tank Lining, Roller Covering or Moulding.



- High Performance Nitrile Rubber Independently Tested and Fully Certified to UL94 and rated as V0 compliant. Bisphenol Free, Animal Derived Ingredients Free (ADI)
- Under test to meet EN45545 and similar FR standards
- Excellent Oil Resistance
- Supplied as Rubber Sheeting

MacLellan Rubber continues to innovate in order to meet customer demands for high performance in critical applications. Having already developed a strong portfolio of Flame Retardant (FR) materials encompassing EN45545, NF-F16101, NCB 158, BS6853 and UL94 VO within the more common FR compounds of Neoprene (CR) and Ethylene Propylene Diene Monomer (EPDM), it was highlighted that their suitability for applications involving more aggressive oils and petroleum based products was limited. Consequently we set about work with our supply chain partners to develop a solution.

The successful development of a modified high grade NBR with FR properties has been endorsed with independent testing and certification to UL94 VO standard.

For more information on our FireSafe materials click the following link <https://maclellanrubber.com/flame-retardant-rubber-products> or contact our sales office.

MacLellan's F793 UL94 VO certified Nitrile delivers enhanced benefits to users of Oil resistant materials, and being manufactured in the EU, we can guarantee compliance to FireSafe standards. F793 is independently tested and certified, where other suppliers may quote 'in house' approval or state 'compliant to'.

We are further improving the standing of F793 as we submit it for EN45545 testing and approval. Updates on this will follow on our website and with updated material data sheets.

For more information on any of these products contact your account manager or our sales office on 01902 307711