

FUSION SPLICE PROTECTION SLEEVES "FLAME RETARDANT" Series



Splice Technologies' **FLAME RETARDANT**" Series fusion splice protection sleeves have been developed for use in more demanding environments requiring an upgraded flammability rating, better thermal stability, and higher resistance to physical abuse. These sleeves have a special outer tubing which has outstanding physical, chemical, and electrical properties that meet or exceed industry and military standards. They are also manufactured here in the **USA** and RoHS & REACH compliant.



SPECIFICATIONS

OUTER TUBE (Black) FLAME RETARDANT POLYOLEFIN

Tensile Strength 1500psi (10.3Mpa)
Ultimate Elongation 200% Minimum

Working Temperature -55°C to 135°C (-65°F to 275°F)

Specific Gravity 1.35 Maximum

Dielectric Strength 500 volts/mil (19,680 volts/mm) Minimum Flammability Self-extinguishing within 1 minute,

25% maximum flag burn

Minimum Shrink Temp. 70°C (158°F)

APPROVALS: UL E35586 VW-1 (600 V, 125°C)

CSA LR31929 VW-1 (600 V, 125°C)
Military AMS-DTL-23053/5, Classes 1 & 3

Def. Stan. 59-97 Type 26

Industry VDE 0341 Pt 9005 (Type A and B)

INNER TUBE POLYOLEFIN COPOLYMER (Ethylene-Vinyl Acetate)

Ultimate Strength 200Kg/cm²

Elongation 700%

Melting Point 95°C (203°F) Specific Gravity 0.93

STRENGTH MEMBER 302 Stainless Spring Steel with rounded and polished ends

OPERATING TEMPERATURE RANGE -55°C to +110°C (-67°F to +230°F)

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