



Product name	XM-60 30S/3
Composition	100% Meta-Aramid
Construction	spun meta-aramid staple fibre, 3-ply twisted
Spool length	3 100 m
Finishes	inherently flame retardant – permanent, wash-durable FR performance
Application	arc-flash suits, firefighter clothing, oil & gas coveralls, welder's clothing, military uniforms, foundry PPE

FR & SPECIAL PROPERTIES

Flame retardant – inherent, permanent	EN 61482-2:2020
Melting behaviour (DSC)	ISO 3146:2000 Method B – no melt to 300 °C
Char / decomposition	char ≈ 400 °C · decomposition > 425 °C
Textile confidence	OEKO-TEX® Standard 100
Compatible garment standards	EN ISO 11612, EN ISO 11611, EN 469, NFPA 2112 / 70E

PHYSICAL PROPERTIES (30S/3)

Tex	60
Ticket size (TKT)	50
Average strength, cN	≈ 1600
Average strength, g	≈ 1630
Elongation min – max, %	20 – 28
Recommended needle size, Singer	16 – 19
Recommended needle size, Metric	100 – 120