

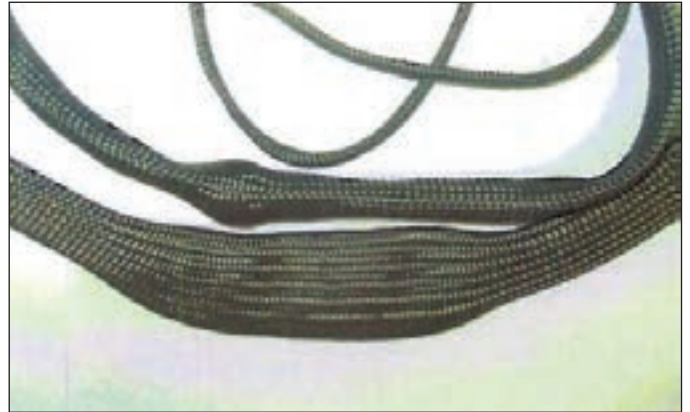
Ara-Braid X

Ara-Braid X is manufactured by braiding Nomex™ Yarn to produce a thin walled highly expandable structure. The ready 'concertina' action of the sleeve will expand the bore and thus assisting fitting over complex shapes.

Ara-Braid X is light weight, flexible and non-flammable, it will perform without deterioration in the most diverse and demanding environments.

Ara-Braid X is oil and water repellent and also offers excellent resistance to gamma and x-rays.

Ara-Braid X is designed for the protection of wires and cable bundles against flame, high temperatures and mechanical abrasion. It is used on a variety of applications in the military, railway, marine, aeronautical and electrical equipment industries.



Features:

- 1: 3 expansion ratio
- Thin Wall
- Lightweight
- Self-extinguishing
- Excellent abrasion protection
- Low temperature flexibility to -60°C

Operating Temperature

- -60°C to +240°C

Technical Performance

Test Method	Property	Result
	Working Temperature	-60°C to +240°C continuous Up to +310°C short term
	Carbonisation	Does not melt
	Bending strength	Pass
Above +370°C	Flame resistance	VW-1
50,000 bending cycles at +180°C	Flame retardant	Base material classified V0
UL224	FAR 25 AMDT.25-72	Pass
UL94	Fluid resistance	
	• Fuel: JP5 (NATO F44)	Pass
	• Hydraulic fluid	Pass
	• Skydrol 500B4 & L D4	Pass
	• Mineral Oil: Mil-L 7870A	Pass
	• Synthetic Oil: MIL-L 23699	Pass
	• Cleaning fluid	Pass
	• De-Icing fluid: MIL-A 8243	Pass
EN6059 Part 303	Humidity resistance	Retains 70% of it's original tensile strength
1000h at 150°C in air saturated with water vapour		



SLEEVE IT

LIMITED

Ara-Braid X

Dimensions

Description	Nominal Diameter	Recommended Diameter Range		Standard Packaging
		Min	Max	
Ara-Braid X - 4	4mm	1.5mm	4.5mm	100M
Ara-Braid X - 6	6mm	3.5mm	10.5mm	100M
Ara-Braid X - 8	8mm	4mm	13mm	100M
Ara-Braid X - 10	10mm	7mm	17mm	100M
Ara-Braid X - 15	15mm	10mm	20mm	100M
Ara-Braid X - 20	20mm	12mm	25mm	100M

Note: Longitudinal shrinkage should be taken into account when utilising the full expansion properties of the sleeve.

Other sizes are available on request. Standard Colour - Olive Green

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