



Product Highlights

- Operating temperature from -70°C to +125°C (-94°F to +257°F)
- UL recognized component
- Expansion ratio 1:3
- Does not trap heat or humidity
- Rot-free
- Self-fitting over many shapes and sizes
- Self-extinguishing when used to encase typical non-flammable wires or cables
- Plus version eliminates the need for hot-knife cutting
- Available in 7 colors

Expando® 2622 & Expando® 2622 Plus are tough, lightweight oversleeves used to protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The open-braid construction of Expando products enables each size to expand to fit several application shapes and diameters. This open-textile construction also makes them highly flexible and resistant to trapping water, heat and humidity.

Expando 2622 and Expando 2622 Plus are braided polyester (PET) sleeves designed for applications up to 125°C. General purpose industrial/commercial products, Expando 2622 and Expando 2622 Plus balance the properties of mechanical and thermal stability with economy.

The patented Bentley-Harris Plus treatment makes end termination neater and easier. The Plus treatment creates a webbing between the filaments of the sleeving to reduce end fray during installation and through the life of the product. Because of the fray-resistant properties of Expando 2622 Plus, it can be cut with ordinary scissors, which reduces assembly time and eliminates the need for proper ventilation equipment required for hot-knife cutting.

Expando 2622 and Expando 2622 Plus oversleeves have many applications in the marine, electronic and general manufacturing industries. The ability of Expando 2622 and Expando 2622 Plus to retain flexibility at low temperatures make them ideal for exposed applications in weather stations, navigation beacons and radar antennas.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – Expando® 2622 & Expando® 2622 Plus

Property	Test Method	Result
Operating Temperature Range		-70°C to +125°C (-94°F to +257°F)
Low Temperature Flexibility	MIL-DTL-23053E	-70°C
Melt Temperature	ASTM D-3418	+250°C

* Expando sleeving products made with the patented “Plus” treatment should not be used in hard vacuum environments nor immersed in solvents or liquids where Plus particulates could contaminate the system environment. Consult Systems Protection for information on protection products for these applications.

Product Specifications

Longitudinal shrinkage should be taken into account when utilizing expansion properties of the sleeve

Commercial Part Number	Recommended Application Range mm (in)		Maximum Weight g/m (lb/ft)	Standard Packaging m (ft)
	Min Ø	Max Ø		
Expando 2622 Plus 3-X Expando 2622 3-X	2 (3/32")	6 (1/4")	2.62 (0.0018) 2.62 (0.0018)	610 (2,000')
Expando 2622 Plus 6-X Expando 2622 6-X	3 (1/8")	11 (7/16")	4.32 (0.0029) 3.93 (0.0026)	305 (1,000')
Expando 2622 Plus 10-X Expando 2622 10-X	6 (1/4")	13 (1/2")	9.90 (0.0066) 9.49 (0.0064)	152 (500')
Expando 2622 Plus 13-X Expando 2622 13-X	6 (1/4")	19 (3/4")	12.60 (0.0085) 11.61 (0.0078)	152 (500')
Expando 2622 Plus 19-X Expando 2622 19-X	13 (1/2")	32 (1-1/4")	19.64 (0.0132) 18.01 (0.0121)	152 (500')
Expando 2622 Plus 32-X Expando 2622 32-X	19 (3/4")	45 (1-3/4")	26.19 (0.0176) 24.85 (0.0167)	76 (250')
Expando 2622 Plus 45-X Expando 2622 45-X	32 (1-1/4")	70 (2-3/4")	44.20 (0.0297) 42.56 (0.0286)	76 (250')
Expando 2622 Plus 51-X Expando 2622 51-X	38 (1-1/2")	89 (3-1/2")	54.02 (0.0363) 53.34 (0.0358)	76 (250')

X = Color Code: 0 = Black 9 = Natural 6 = Blue 4 = Yellow 2 = Red 3 = Orange 8 = Gray

Part Numbering System

Example	Product Name	Size	Color	Quantity
	Expando 2622 Plus	3	0 (black)	610m

United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600

EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560

Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565

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