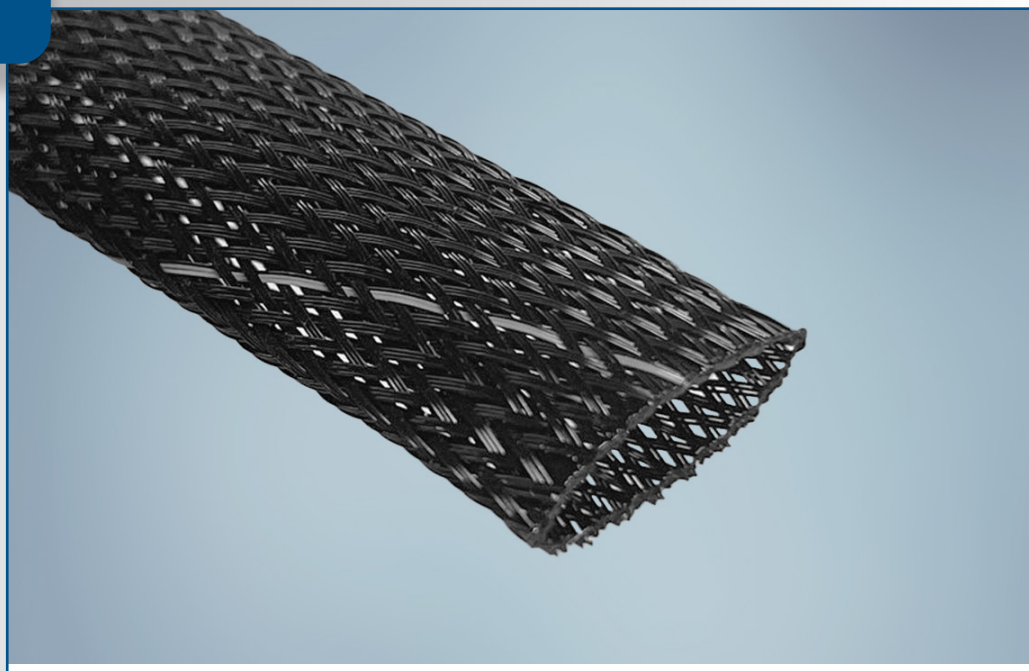
Expando® TCP V0

ABRASION



Product Highlights

- Operating temperature
  -50°C to +150°C
  (-58°F to +302°F)
- 1 : 2 expansion ratio
- Self extinguishable
- EN45545-2
- NFPA 130
  – ASTM E-162
  – ASTM E-662
- BSS 7239
- SMP 800-C
- Zero halogen
- Excellent abrasion resistance

Installation Features

- Flexible
- Bundling solution

Expando® TCP V0 is an expandable braided sleeve manufactured from polyester monofilaments which are offering excellent flame retardant properties. It is designed for the protection of tubing and the maintenance of wire and cable bundles.

This product has a highly expandable structure which allows for easy installation over long lengths even after the fitting of end connectors. Expando TCP V0 has an expansion ratio which enables a large number of diameters to be covered with a limited range of sizes.

The product is used in a wide range of industries including railway and electrical / electronical devices.

RoHS COMPLIANT

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

Performance Data – Expando® TCP V0

Property	Test Method	Result
Operating Temperature		-50°C (-58°F) to +150°C (+302°F)
Fire / Smoke / Toxicity	EN 45545-2 ASTM E 662 – ASTM E 162 SMP 800-C – BSS 7239	R22 HL3 R23 HL3 Pass Pass
Fluid Resistance - Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C (+158°F)	No visible degradation or alteration after being exposed

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Product Specifications

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

Commercial Part Number	Recommended Application Range mm (in)		Packaging m (ft)	
	Min Ø	Max Ø	Standard Packaging	Jumbo Packaging
Expando TCP V0 5	4 (5/32")	8 (5/16")	200 (656')	1000 (3280')
Expando TCP V0 6	5 (13/64")	9 (23/64")	200 (656')	1000 (3280')
Expando TCP V0 8	6 (1/4")	12 (15/32")	200 (656')	500 (1640')
Expando TCP V0 10	7 (9/32")	15 (19/32")	100 (328')	500 (1640')
Expando TCP V0 12	10 (25/64")	18 (45/64")	100 (328')	500 (1640')
Expando TCP V0 15	12 (15/32")	23 (29/32")	50 (164')	400 (1312')
Expando TCP V0 20	16 (5/8")	28 (1")	50 (164')	400 (1312')
Expando TCP V0 25	21 (53/64")	35 (1-3/8")	50 (164')	400 (1312')
Expando TCP V0 30	26 (1")	45 (1-3/4")	50 (164')	300 (984')
Expando TCP V0 40	36 (1-1/2")	60 (2-23/64")	50 (164')	300 (984')
Expando TCP V0 50	45 (1-3/4")	75 (3")	50 (164')	200 (656')

Availability

Expando TCP V0 is available in sizes 5 to 50 mm (5/32" to 2"). Standard colors: black with a grey tracer or grey with a black tracer.

Expando TCP V0 is supplied on cardboard spools. Packaging according to GALIA (ODETTE) standard.

Part Numbering System

Example	Product Name	Size	Color	Quantity
	Expando TCP V0	10	0/8 (black with gray tracer)	500 m (1640 ft)

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
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