

Expando® TCP-V0

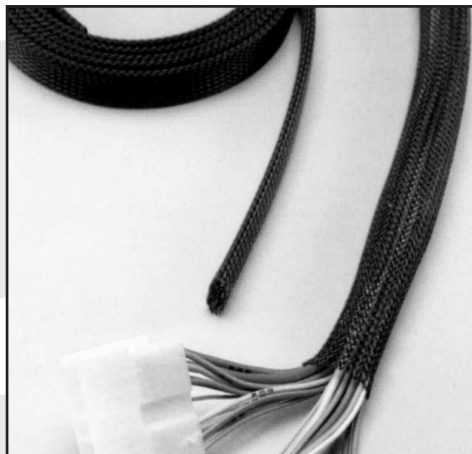
1:2 Expandable braided sleeving

Applications

Expando® TCP-V0 is an expandable braided sleeve manufactured from modified polyester monofilaments classified UL 94 V0 which offers excellent flame retardant properties. It is designed for the protection of tubing and the maintenance of wire and cable bundles.

TCP-V0 has a highly expandable structure which allows 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 properties of the monofilament ensure excellent sleeve performance in the most diverse and aggressive environments. TCP-V0 is used in a wide range of industries including railway and electrical/electronic devices.



Features & Benefits

- 1:2 expansion ratio
- Halogen-free
- Excellent abrasion resistance
- Easy installation over long lengths

Operating Temperature

- From -50°C to +125°C

Note: For further information on the Expando® TCP-V0 product range, or for assistance with your specific sleeving requirements, please contact us.

Technical Performance

Properties	Test	Results
Working Temperature	-	-50°C to +125°C
Flame / Smoke / Toxicity	UL 94	Raw material classified V0
	NF 16 101 – 16 102	I2 F2 Zero Halogen
	DIN 5510 §2 & 54837	S4, SR2, ST2
	UNI CEI 1170-3 Ed 2005	T = 1.4
	ASTM E 662 - ASTM E 162	Pass
Fluid resistance: <i>Hydraulic Fluids: NATO.0.156</i>	EN 6059-303 <i>Immersion for 24hrs at +70°C</i>	No visible degradation or alteration after being exposed.

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

Expando® TCP-V0 Dimensions (all dimensions are in mm)

Recommended Diameter Range (mm)		Standard Packaging (m)	Ordering Description
Min.	Max.		
2	5	200	TCP-V0-3mm-Colour
3	7	200	TCP-V0-4mm-Colour
4	8	200	TCP-V0-5mm-Colour
5	9	200	TCP-V0-6mm-Colour
6	12	200	TCP-V0-8mm-Colour
7	15	100	TCP-V0-10mm-Colour
10	18	100	TCP-V0-12mm-Colour
12	23	50	TCP-V0-15mm-Colour
16	28	50	TCP-V0-20mm-Colour
21	35	50	TCP-V0-25mm-Colour
26	45	50	TCP-V0-30mm-Colour
36	60	50	TCP-V0-40mm-Colour
45	75	50	TCP-V0-50mm-Colour

Ordering Information

Standard colours:

Black, Grey

Ordering description:

Specify product name, size and colour: TCP-V0-4mm-Black

Ordering example:

A black protective sleeve capable of covering an 18mm cable diameter is required:
= TCP-V0-15mm-Black