

# Flame Retarded Polyester Monofilament Expandable Braid Sleeve



Flame retarded, monofilament, flexible, PET braid that offers excellent protection and excellent mechanical performance. It maintains a high degree of flexibility and resists most chemicals. PTFBT is available in nominal diameters from 3 to 50 mm. Operates up to 150°C.

- Operating Temperature Range -50°C to 150°C
- Good Chemical Resistance
- Flame Retarded
- Good Mechanical Performance



## The worldwide tubing solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research.

Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the early 21st Century.

**Shrink Sleeve Ltd.**  
Camion House, Mill Lane  
Sevenoaks, Kent, TN14 5BX  
United Kingdom.



Tel : + 44 (0)1732 462841  
Fax : + 44 (0)1732 462851  
Contact E-mail: [info@shrinksleeve.com](mailto:info@shrinksleeve.com)

## Technical Data

Property	Test Method	Values
Monofilament		PBT-Size 0.22mm
Melting Point		+ 225 °C
Limiting Oxygen Index		34.7%
Maximum Working Temperature		150 °C
Minimum Working Low Temperature		- 50 °C
Withstand Peaks		220 °C
Flame Resistance	ISO 3795	Pass
	FMVSS 302(Type A)	Pass
Fumes Toxicity	CET	
	DEC 26-0611	Comply
Fumes Opacity	NF C 20452	Pass
Chemical Resistance		Unaffected by most chemicals

## Dimensions

NOMINAL DIA. (mm)	INSIDE DIA. (mm)		RANGE OF USE ADVISE (mm)	CONSTRUCTION		COILS (M)
	Mini.	Max.		N Yarns	Weight G/100m	
3	2	6	2 TO 5	60	400	100
4	3	8	3 TO 7	72	490	100
5	4	10	4 TO 9	84	580	100
6	5	12	5 TO 11	96	660	100
8	6	14	7 TO 13	120	810	100
10	8	18	9 TO 15	144	1040	100
12	10	21	11 TO 17	168	1160	50
15	13	25	13 TO 20	192	1380	50
20	18	29	18 TO 25	256	2000	50
25	22	36	22 TO 30	288	2400	50
30	27	45	27 TO 40	384	3160	50
40	35	64	35 TO 50	480	4200	50
50	45	75	45 TO 60	600	4900	50



Colour : Black with Gray Yarn(BG), Gray with Gray Yarn(BG)

ORDERING INFORMATION : Product Nominal FB Mini. / Maxi. Trace Colour  
PT \_\_\_\_ FB \_\_\_\_ / \_\_\_\_ T \_\_\_\_  
e.g. PT50FB45/65TBG