

WSS

Expandable Sleeve

PET (polyethylene terephthalate) material,
excellent application for various bundle wires,
wiring harness and hoses protection, etc

Features

- Good flexibility, convenient installation
- Standard Color: Black, Red, Yellow, White, Green, Blue or upon request.



Dimensions

Size (mm)	Compos. Nx/mm	Diameter (mm)	Max. Diameter (mm)	Standard Package (m/reel)
3	1/0.25	3.0	5.0	1000
4	1/0.25	4.0	6.0	1000
5	1/0.25	5.0	7.0	1000
6	1/0.25	6.0	8.0	1000
	3/0.20	6.0	8.0	800
7	1/0.25	7.0	9.0	800
	3/0.20	7.0-8.0	10.0	500
8	1/0.25	8.0	10.0	500
	3/0.20	8.0	10.0	500
9	1/0.25	9.0	11.0	500
	3/0.20	9.0	11.0	500
10	1/0.25	10.0	12.0	500
	3/0.20	10.0	12.0	500
12	3/0.20	12.0	14.0	500
	3/0.25	12.0	14.0	500
14	3/0.20	14.0	16.0	500
	3/0.25	14.0	16.0	500
16	3/0.20	16.0	18.0	500
	3/0.25	16.0	18.0	500
18	3/0.20	18.0	20.0	400
	3/0.25	18.0	20.0	400
20	3/0.20	20.0	22.0	400
	3/0.25	20.0	22.0	400
22	3/0.20	22.0	24.0	400
	3/0.25	22.0	24.0	400
24	3/0.20	24.0	26.0	400
	3/0.25	24.0	26.0	400

Technical Data

Property	Test Method	Standard Value	
		Insullated breakout	Oil resistant breakout
Operating temperature	ICE 216	-55℃ ~ 100℃	-20℃ ~ 100℃
Tensile strength	ASTM D 2671	≥ 13MPa	≥ 12MPa
Elongation	ASTM	≥ 300%	≥ 300%
Tensile strength after thermal aging	ASTM	≥ 11MPa	≥ 10MPa
Elongation after thermal aging	120℃/168hrs	≥ 230%	≥ 230%
Water absorption	ASTM D 2671	≤ 0.1%	≤ 0.1%
Volume resistivity	120℃/168hrs	≥ 1 × 10 ¹⁴ Ω•cm	≥ 1 × 10 ¹⁴ Ω•cm
Oil resistance	ISO 62	-----	≥ 10MPa
(Tensile strength after dipping)	ICE 93	-----	≥ 10MPa
Oil resistance	ASTM D 2671	-----	≥ 230%
(Elongation at break after dipping)	70# cable oil/168hrs	-----	≥ 230%
Dielectric strength	ICE243	≥ 20kv/mm	≥ 20kv/mm