



HEAT-SHRINKABLE END CAP

PRODUCT DATA SHEET

HEAT-SHRINKABLE END CAP

Our heat-shrinkable end caps are designed for optimum water-proofing and environmental protection of wire terminations. The sleeve is made of polyvinylidene fluoride (PVDF) which resists external abrasion and the erosion of most chemical substances. The internal surface is coated with hot melt adhesive which can completely seal the nozzle after heat shrinkage and protect against moisture ingress. With excellent thermal stability and watertight sealing, our heat-shrinkable caps are available for underwater, underground and outdoor applications.



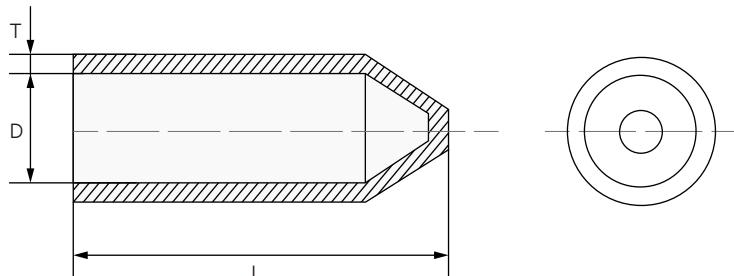
TYPICAL PROPERTIES

Technical Measurement	Test Method	Test Method
Density	ASTM D-792	1.05
Tensile Strength	ASTM D-638	> 14 MPa
Dielectric Strength	IEC 243	> 15 kV/mm
Volume Resistivity	IEC 93	> 10^{14} $\Omega\cdot\text{cm}$
Elongation at Break	ASTM D-638	> 400%
Elongation at Break After Thermal Aging	150°C / 168 hrs.	> 300%
Shrink Temperature	/	110 °C ~ 130 °C
Working Temperature	IEC 216	-55 °C ~ +110 °C



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SPECIFICATIONS



Item No.	Sleeve Diameter (Min.)	Shrunk Diameter (Max.)	Sleeve Length ($\pm 10\%$)	Shrunk Wall Thickness	Compatible Cable Diameter
YX-HSC-12	12 mm (0.5")	4 mm (0.16")	40 mm (1.6")	2.6 mm (0.1")	4~10 mm (0.16"~0.4")
YX-HSC-14	14 mm (0.6")	5 mm (0.2")	45 mm (1.8")	2.2 mm (0.09")	5~12 mm (0.2"~0.5")
YX-HSC-20	20 mm (0.8")	6 mm (0.24")	55 mm (2.2")	2.8 mm (0.11")	6~16 mm (0.24"~0.6")
YX-HSC-25	25 mm (1")	8.5 mm (0.33")	68 mm (2.7")	2.8 mm (0.11")	8.5~20 mm (0.3"~0.8")
YX-HSC-30	35 mm (1.4")	18 mm (0.7")	90 mm (3.5")	3.3 mm (0.13")	18~30 mm (0.7"~1.2")
YX-HSC-40	40 mm (1.6")	20 mm (0.8")	90 mm (3.5")	3.3 mm (0.13")	20~35 mm (0.8"~1.4")
YX-HSC-55	55 mm (2.2")	28 mm (1.1")	115 mm (4.5")	3.4 mm (0.13")	28~45 mm (1.1"~1.8")
YX-HSC-75	75 mm (3")	40 mm (1.6")	125 mm (4.9")	3.8 mm (0.15")	40~65 mm (1.6"~2.6")
YX-HSC-100	100 mm (3.9")	50 mm (2")	140 mm (5.5")	4 mm (0.16")	50~90 mm (2"~3.5")
YX-HSC-120	120 mm (4.7")	70 mm (2.8")	155 mm (6.1")	4 mm (0.16")	70~110 mm (2.8"~4.3")
YX-HSC-140	140 mm (5.5")	90 mm (3.5")	180 mm (7.1")	4 mm (0.16")	90~130 mm (3.5"~5.1")
YX-HSC-200	200 mm (7.9")	110 mm (4.3")	270 mm (10.6")	4.2 mm (0.17")	110~180 mm (4.3"~7.1")
YX-HSC-250	250 mm (9.8")	120 mm (4.7")	270 mm (10.6")	4.2 mm (0.17")	120~240 mm (4.7"~9.4")





Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.



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