

## EPDM Cold Shrink Tube

- Diameter range 0-165mm, length range 0-1000mm

### Description:

EPDM cold shrink tube is a kind of pre-expanded in removable supporting core. When in use, it's only necessary to remove the supporting core after positioning, and use its radial pressure to form a covering for cable, which plays a role of waterproof and moisture-proof sealing. Cold shrink tube has excellent weather resistance, acid and alkali resistance, and achieves the effect of sealing with the breath. It's an ideal sealing product for communication cables, coaxial cables, medium and low voltage power cables.

It can also be used as a handle grip sheath, such as for hammer, spanner, axe, garden tools and sports tools, play a role in preventing slip.



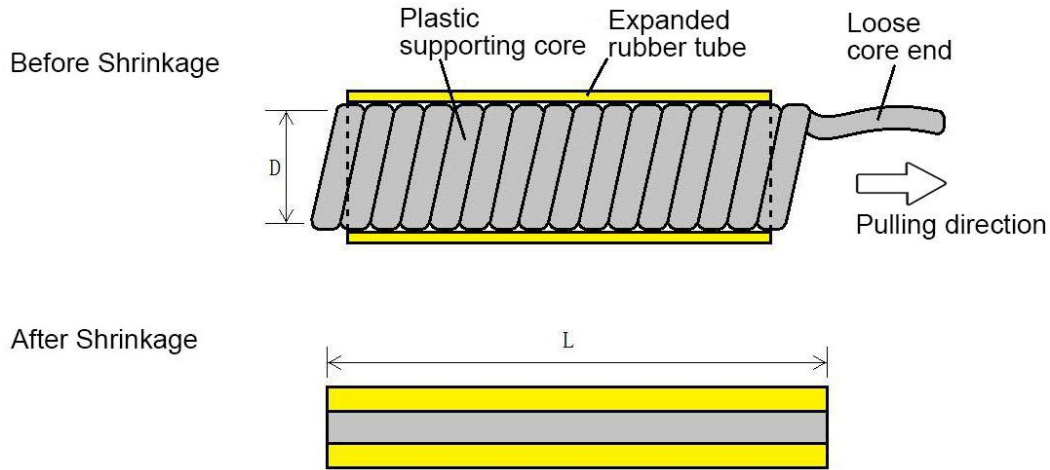
### Features & Advantages:

- Compared with heat shrink tube, it's more resistant to weather and UV aging, and will not become brittle after long-term use.
- Compared with the silicone rubber cold shrink tube, it's more resistant to puncture, wear, acid and alkali.
- Synchronized thermal expansion and contraction with the workpiece in harsh environments, no gaps.
- Sealing effect is still excellent with the workpiece in the state of wind blowing and swing.
- Suitable for power cables below 1kV, suitable for a wide range of specifications, can be used for indoor and outdoor, overhead.
- Can be used in water or buried
- Strong resilience, permanent radial pressure, and long-term tight sealing of cables.
- Easy to install, no need for heating or special tools, no need for hot melt glue or tape to strengthen the seal at the joint.

### Technical Datas

Property	Unit	Typical Value	Test Method
Shore Hardness	Shao A	49	ASTM D 2240
Tensile Strength	MPa	9.8	ASTM D 412
Elongation at Break	%	720	ASTM D 412
Tear Strength	kN/M	27	ASTM 624
Breakdown Strength	kV/mm	14.3	ASTM D 149
Dielectric Constant	5.0 (original) 5.6 (7 days in 90°C water)		
Bacteria Resistance	28 days exposure without growth		ASTM G-21
UV Resistant	UV irradiation for 2000 hours without aging		ASTM D 149

### Structure



**Size Table**

Product ID	Dia. of Core	Application Range (mm)		Length after Shrinkage
	D (mm)	Min. Dia.	Max. Dia.	L (mm)
EPCS-18X80	Φ 18	7.8	14.3	80
EPCS-18X152	Φ 18	7.8	14.3	152
EPCS-18X178	Φ 18	7.8	14.3	178
EPCS-25X178	Φ 25	10.1	20.9	178
EPCS-25X203	Φ 25	10.1	20.9	203
EPCS-25X279	Φ 25	10.1	20.9	279
EPCS-25X305	Φ 25	10.1	20.9	305
EPCS-35X152	Φ 35	13.9	30.1	152
EPCS-35X203	Φ 35	13.9	30.1	203
EPCS-35X229	Φ 35	13.9	30.1	229
EPCS-35X279	Φ 35	13.9	30.1	279
EPCS-42X152	Φ 42	16.8	35.1	152
EPCS-42X203	Φ 42	16.8	35.1	203
EPCS-42X254	Φ 42	16.8	35.1	254
EPCS-42X305	Φ 42	16.8	35.1	305
EPCS-42X406	Φ 42	16.8	35.1	406
EPCS-42X457	Φ 42	16.8	35.1	457
EPCS-50X203	Φ 50	23.5	43.7	203
EPCS-58X152	Φ 58	24.0	49.3	152
EPCS-58X178	Φ 58	24.0	49.3	178
EPCS-58X203	Φ 58	24.0	49.3	203
EPCS-58X254	Φ 58	24.0	49.3	254
EPCS-58X305	Φ 58	24.0	49.3	305
EPCS-58X457	Φ 58	24.0	49.3	457

EPCS-58X610	Φ 58	24.0	49.3	610
EPCS-58HPX254	Φ 58	20.5	51.0	254
EPCS-65X254	Φ 65	23.7	57.5	254
EPCS-77X152	Φ 77	32.2	67.8	152
EPCS-77X178	Φ 77	32.2	67.8	178
EPCS-77X229	Φ 77	32.2	67.8	229
EPCS-77X305	Φ 77	32.2	67.8	305
EPCS-77X330	Φ 77	32.2	67.8	330
EPCS-77X335	Φ 77	32.2	67.8	355
EPCS-77X457	Φ 77	32.2	67.8	457
EPCS-77X550	Φ 77	32.2	67.8	550
EPCS-77HPX330	Φ 77	32.2	67.8	330
EPCS-105X203	Φ 105	42.6	93.7	203
EPCS-105X229	Φ 105	42.6	93.7	229
EPCS-105X457	Φ 105	42.6	93.7	457
EPCS-105X508	Φ 105	42.6	93.7	508
EPCS-120X610	Φ 120	53.0	114.3	610
EPCS-160X620	Φ 160	60.0	154.0	620
Customized	Special size and packaging available on request.			

## Application:

1. Insulation protection for connection of medium and low voltage power cables with various specifications.
2. Waterproof and moisture-proof sealing of the middle or terminal of communication cables and optical cables.
3. Connection of wireless communication towers, communication base stations and exposed terminals, connectors, antennas, feeders, etc.
4. Used for indoor and outdoor, overhead and buried fields.
5. For tool handles grip, pipe repairs, or other types of seals, etc.