

Product Specification

Name	Silicone Cold Shrink Tube	Drafted by/Date	Xing Jiamin /2021.05.11
Spec.	All	Approved by/ Date	Hu Xifu/2021.05.11

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I. Material Property

No.	Item	Unit	Value	Typical value	Test Method
1	Texture of material	/	Silicone rubber		/
2	Nominal Color	/	Grey/Black		/
3	Hardness	Shore A	40±5	41	ISO 7619
4	Tensile strength	MPa	≥6.0	7.5	ISO 37
5	Elongation at break	%	≥500	700	ISO 37
6	Tear strength	kN/m	≥25	30	ISO 34
7	Volume resistivity	Ω•cm	≥1x10 ¹⁴	1×10 ¹⁵	IEC 60093
8	Ultra violet resistance	/	Gray scale 3-4	/	ASTM-G154
9	Electric strength	kV/mm	≥18	20	IEC 60243

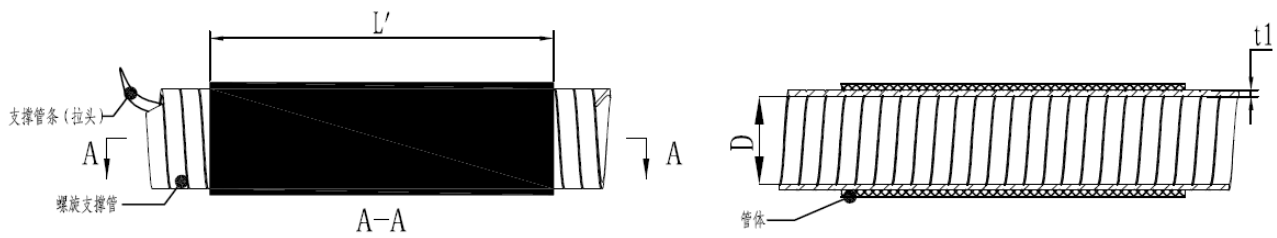
Remark: Above result is based on test pieces.

II. Product Reliability

No.	Item	Property index	Result
1	Seal and protection property at environment temperature	IP67	Pass
2	Seal and protection property after high temperature	After 90°C×96hrs , IP67	Pass
3	Seal and protection property after low temperature	After -40°C×96hrs , IP67	Pass
4	Service temperature	-60 ~ 90°C	

Remark: The storage period of the product is 24 months. During the storage period, pay attention to prevent rain, sunshine, heavy pressure and sharp body.

III. Specification



Spec.	ID before ØD/mm	After full shrunk		Range /mm
		Length/mm	Thickness/mm	
CYG-CSS15	15±2	80~450	2.0±0.2	Ø6~ Ø8
CYG-CSS20	20±2	80~450	2.0±0.2	Ø10~ Ø14
CYG-CSS28	28±2	80~500	2.5±0.2	Ø12~ Ø17
CYG-CSS32A	32±2	80~490	2.5±0.2	Ø13.2~ Ø22.4
CYG-CSS32B	32±2	80~490	2.0±0.2	Ø14~ Ø21
CYG-CSS35	35±2	80~1000	2.0±0.2	Ø19~ Ø28
CYG-CSS40	40±2	80~1000	2.0±0.2	Ø21~ Ø31
CYG-CSS47	47±2	80~1000	2.0±0.2	Ø25~ Ø37
CYG-CSS53	53±2	80~1000	2.0±0.2	Ø31~ Ø45
CYG-CSS65	65±2	80~1000	3.0±0.2	Ø31~ Ø50
CYG-CSS70	70±3	80~500	3.0±0.2	Ø37~ Ø55
CYG-CSS80A	80±3	80~500	3.0±0.2	Ø37~ Ø65
CYG-CSS80B	80±3	80~500	3.0±0.2	Ø44~ Ø65
CYG-CSS88	88±3	80~500	3.0±0.2	Ø44~ Ø73
CYG-CSS104	104±3	80~500	3.0±0.2	Ø51~ Ø84
CYG-CSS120	120±3	80~420	3.0±0.2	Ø55~ Ø100

ID: inner diameter

NOTE: Other specification is available upon request.