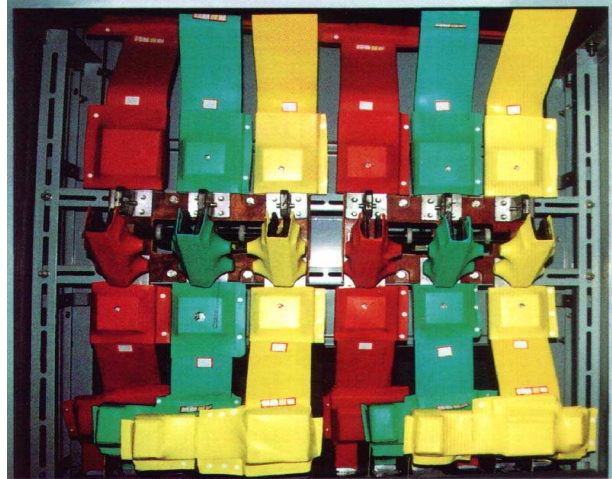


**CYG-BT-1T( 1KV)  
 CYG-BT-10M(10KV/24KV)  
 CYG-BT-35H(36KV)  
 Medium & Heavy Wall Halogen Free Bus Bar Insulation Tubing**

CYG-BT-1T, CYG-BT-10M, CYG-BT-35H(36KV) are medium and heavy wall heat shrinkable Tubing .Made from special formulated radiation cross-linked halogen free compounds. It can provide high resistance to tracking and arcing. Used to enhance the insulation properties of bus bar in switch and substation to adapt to application in insulating medium voltage bus bar up to 11KV, 24KV, 36KV.



**Technical data:**

Test item	Test Method	Typical Data	
Shrink Temperature		110°C	
Operating Temperature Range		125°C	
Tensile Strength	ASTM D2671	≥10 Mpa	
Elongation at break	ASTM D2671	≥500%	
Aging in Circulating-air Oven	ASTM D2671	136.0±1.0°C, 168hrs	
After aging	Tensile Strength	ASTM D2671	≥10 Mpa
	Elongation at break	ASTM D2671	≥400%
Flexibility at -40°C, 4h	ASTM D2671	No cracking	
Volume Resistance	ASTM D876	≥10 <sup>13</sup> Ω .cm	
Dielectric Strength	ASTM D2671	≥15kV/mm	
Heat shock	200°C±3°C, 4h	No cracking	
Oxygen index	ASTM D2863	≥30	
Water absorption	ASTM D570A	≤0.5%	



**Dimensions:**

Size	As Supplied (mm)	After Recovery (mm)		Rectangular Bus Bars(mm)	Round Bus Bar(mm)	Standard Length
	Min ID	Max .ID	Wall thickness			
<b>CYG-BT-1T</b>						
CYG-BT-1T-20/8	20	8	1.3±0.2	20×3	Φ15	30m/spool
CYG-BT-1T-30/12	30	12	1.3±0.2	30×3	Φ20	30m/spool
CYG-BT-1T-40/16	40	16	1.5±0.2	40×4	Φ30	30m/spool
CYG-BT-1T--50/20	50	20	1.5±0.2	50×5	Φ35	30m/spool
CYG-BT-1T--60/24	60	24	1.5±0.2	60×6	Φ40	30m/spool
CYG-BT-1T-80/32	80	32	2.0±0.2	80×8	Φ60	15m/spool
CYG-BT-1T-100/40	100	40	2.0±0.2	100×10	Φ70	15m/spool
CYG-BT-1T--120/50	120	50	2.0±0.2	120×10	Φ85	15m/spool
CYG-BT-1T-150/75	150	75	2.0±0.2	150×10	Φ115	1000mm
<b>CYG-BT-10M(10KV/24KV)</b>						
CYG-BT-10M-30/12	30	12	1.8±0.2	30×3	Φ20	30m/spool
CYG-BT- 10M-40/16	40	16	1.8±0.2	40×4	Φ30	30m/spool
CYG-BT-10M-50/20	50	20	2.0±0.2	50×5	Φ35	30m/spool
CYG-BT- 10M-60/24	60	24	2.0±0.2	60×6	Φ40	30m/spool
CYG-BT-10M-80/32	80	32	2.2±0.2	80×8	Φ60	30m/spool
CYG-BT-10M-100/40	100	40	2.3±0.2	100×10	Φ70	15m/spool
CYG-BT-10M-120/50	120	50	2.3±0.2	120×10	Φ85	15m/spool
CYG-BT-10M-150/75	150	75	2.3±0.2	150×10	Φ115	1000mm
<b>CYG-BT-35H(35KV)</b>						
CYG-BT-35H-40/16	40	16	4.3±0.3	40×4	Φ40	1000mm
CYG-BT-35H-50/20	50	20	4.3±0.3	50×5	Φ50	1000mm
CYG-BT-35H-60/20	60	20	4.3±0.3	60×6	Φ60	1000mm
CYG-BT-35H-80/28	80	28	4.3±0.3	80×8	Φ80	1000mm
CYG-BT-35H-100/36	100	36	4.3±0.3	100×10	Φ100	1000mm

