

CYG-MWT/CYG-MWTA MEDIUM WALL HEAT-SHRINKABLE SLEEVING

Material:

Outer layer: radiation cross-linked polyolefin

Inner layer: hot melt adhesive (no adhesive for CYG-MWT type)

Shrink ratio: 3.5:1 / 4:1



Features:

- ◆ High shrink ratio, covering a wide range of cable
- ◆ Black outer layer with excellent UV resistance
- ◆ Semi-rigid, medium wall, excellent electrical insulation and mechanical
- ◆ Minimum shrink temperature: 135°C

Application:

CYG-MWTA is halogen free, adhesive lined heat shrinkable sleeving, which can provide good mechanical protection and excellent water and moisture proof. It is designed for the application of electrical splices, cable terminations and joints, and telecommunication cables. Its high shrink ratio makes it possible for the over irregular shape and large connectors.

Specifications

Items		Test Methods	Specifications
Temperature range in continuous use		IEC216	-55°C~110°C
Tensile strength		ASTM D2671	≥13MPa
Elongation at break		ASTM D2671	≥350%
Aging in circulating-air oven 150°C/168h	Tensile strength	ASTM D2671	≥10MPa
	Elongation at break	ASTM D2671	≥200%
Volume resistance		ASTM D876	≥1.0×10 ¹⁴ Ω.cm
Dielectric strength		ASTM D2671	≥14kV/mm
Copper stability		ASTM D2671	Pass
Longitudinal change		UL224	0~10%
Concentricity		ASTM D2671	≥65%
Anti-cracking (50°C)		ASTM D1693	No cracking, no breaking
Water absorption		ASTM D570	≤0.5%
Heat shock (200°C±3°C/4h)		ASTM D2671	No cracking, no dripping
Hot melt adhesive (only for CYG-MWTA)			
Softening Point		ASTM D36	≥85°C
Peeling strength (to PE)		ISO 29862	≥4N/cm
Copper stability		ASTM D2671	No corrosion
Anti-bacterium		ISO 846	Pass



Size CYG-MWT / CYG-MWTA (Shrink ratio: 3.5:1 / 4:1)

Size	ID As Supplied (mm)	ID After Recovery (mm)	Thickness After Recovery (mm)	ID As Supplied (mm)	ID After Recovery (mm)	Thickness After Recovery (mm)	Standard Length (mm)
	CYG-MWT without adhesive			CYG-MWTA with adhesive			
8/2	8+2	≤2	≥1.7	8+2	≤2	≥1.7	1000/1220
9/3	9+2	≤3	≥1.9	9+2	≤3	≥1.7	1000/1220
10/3	10+2	≤3	≥1.9	10+2	≤3	≥1.7	1000/1220
12/3	12+2	≤3	≥2.0	12+2	≤3	≥2.2	1000/1220
12/4	/	/	/	12+2	≤4	≥2.3	1000/1220
13/4	13+3	≤4	≥2.0	13+3	≤4	≥2.3	1000/1220
16/5	16+3	≤5	≥2.2	16+3	≤5	≥2.7	1000/1220
19/5	19+3	≤5	≥2.2	19+3	≤5	≥2.7	1000/1220
22/6	22+4	≤6	≥2.5	22+4	≤6	≥3.0	1000/1220
28/6	28+4	≤6	≥2.5	28+4	≤6	≥3.1	1000/1220
33/8	33+3	≤8	≥2.5	33+3	≤8	≥3.2	1000/1220
40/12	40+5	≤12	≥2.7	40+5	≤12	≥3.4	1000/1220
45/12	45+5	≤12	≥2.7	45+5	≤12	≥3.4	1000/1220
50/16	50+5	≤16	≥2.8	/	/	/	1000/1220
55/16	55+5	≤16	≥2.8	55+5	≤16	≥3.5	1000/1220
60/19	60+5	≤19	≥2.8	/	/	/	1000/1220
65/19	65+5	≤19	≥2.8	65+5	≤19	≥3.6	1000/1220
70/22	70+5	≤22	≥3.0	/	/	/	1000/1220
75/22	75+5	≤22	≥3.0	75+5	≤22	≥3.8	1000/1220
80/22	80+6	≤22	≥3.0	80+5	≤22	≥3.8	1000/1220
85/25	85+6	≤25	≥3.0	85+5	≤25	≥3.8	1000/1220
95/25	95+6	≤25	≥3.0	95+5	≤25	≥3.8	1000/1220
115/3	115+6	≤34	≥3.2	115+5	≤34	≥3.9	1000/1220
130/3	130+10	≤36	≥3.2	130+10	≤36	≥3.9	1000/1220
140/4	140+10	≤42	≥3.3	140+10	≤42	≥3.9	1000/1220
160/5	160+10	≤50	≥3.3	160+10	≤50	≥3.9	1000/1220
180/5	180+10	≤58	≥3.3	180+10	≤58	≥3.9	1000/1220
205/6	205+10	≤65	≥3.3	205+10	≤65	≥3.9	1000/1220
235/6	235+10	≤65	≥3.7	235+10	≤65	≥3.9	1000/1220



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265/7	265+10	≤ 75	≥ 3.8		265+10	≤ 70	≥ 3.9	1000/1220
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Other sizes and colors are available upon special order.