



## CYG-MWTA-FR

Medium Wall Heat Shrinkable Tubing  
Adhesive-coated, Dual Wall Flame Retardant

## CYG-HWTA-FR

Heavy Wall Heat Shrinkable Tubing  
Adhesive-coated, Dual Wall Flame Retardant

### Applications

- ◆ Flame Retardant

- ◆ Dual Wall, Adhesive-coated, 3:1
- ◆ Oval in piece
- ◆ RoHS Compliant
- ◆ Black Available

### Features

- ◆ Excellent sealing and insulating abilities
- ◆ Resistant to Impact and abrasion
- ◆ Bigger Shrink Ratio for you easier and faster installation
- ◆ Continuous Working Temperature -55°C to 110°C

### Technical Data :

| Property                        | Test Method              | Typical Data                  |
|---------------------------------|--------------------------|-------------------------------|
| Tensile strength                | ASTM D2671               | ≥14MPa                        |
| Elongation at break             | ASTM D2671               | ≥400%                         |
| Elongation at break after aging | ASTM D2671/150°C, 168hrs | ≥320%                         |
| Density                         | ASTM D792                | 1.05g/cm <sup>3</sup>         |
| Eccentricity                    | ASTM D2671               | <30%                          |
| Longitudinal shrinkage          | UL224                    | 0 to -10%                     |
| Dielectric strength             | IEC243                   | ≥20KV/mm                      |
| Volume resistivity              | IEC93                    | ≥10 <sup>14</sup> Ω.cm        |
| Flammability                    | SAE-AMS-DTL-23053/5      | Self extinguish in 30 seconds |

| Adhesive                       |            |               |
|--------------------------------|------------|---------------|
| Water absorption               | ISO 62     | <0.2%         |
| Softening Point                | ASTM-E28   | 85°C          |
| Peel strength (PE)             | DIN 30672  | 4N/cm         |
| Copper stability               | ASTM D2671 | Non-corrosive |
| Resistance to fungus and decay | ISO 846    | Pass          |

### Dimensions:

| Wall thickness | Shape/Styl | Standard | Ordering Unit | Package |
|----------------|------------|----------|---------------|---------|
|----------------|------------|----------|---------------|---------|

| Ordering Ref       | Recovered e<br>(mm,Min.) |   | Length(mm) | (Pcs/Carton) | Dimension(cm) |
|--------------------|--------------------------|---|------------|--------------|---------------|
| CYG-MWTA-FR-22/6   | 2.5                      | ○ | 1220       | 125          | 36*36*126     |
| CYG-MWTA-FR-33/8   | 2.7                      | ○ | 1220       | 100          | 36*36*126     |
| CYG-MWTA-FR--40/12 | 2.7                      | ○ | 1220       | 60           | 36*36*126     |
| CYG-MWTA-FR-55/16  | 2.7                      | ○ | 1220       | 40           | 36*36*126     |
| CYG-MWTA-FR-65/19  | 2.8                      | ○ | 1220       | 35           | 36*36*126     |
| CYG-MWTA-FR-75/22  | 3.0                      | ○ | 1220       | 30           | 36*36*126     |
| CYG-MWTA-FR-95/25  | 3.0                      | ○ | 1220       | 20           | 36*36*126     |
| CYG-MWTA-FR-115/34 | 3.0                      | ○ | 1220       | 18           | 36*36*126     |
| CYG-MWTA-FR-140/42 | 3.0                      | — | 1220       | 16           | 36*36*126     |
| CYG-MWTA-FR-160/50 | 3.0                      | — | 1220       | 14           | 36*36*126     |
| CYG-MWTA-FR-175/58 | 3.0                      | — | 1220       | 14           | 36*36*126     |
| CYG-MWTA-FR-205/65 | 3.0                      | — | 1220       | 12           | 36*36*126     |

**CYG-HWTW-FR Dimensions:**

| Ordering Ref        | Wall thickness<br>Recovered<br>(mm,Min.) | Shape/Style | Standard<br>Length(mm) | Ordering Unit<br>(Pcs/Carton) | Package<br>Dimension(cm) |
|---------------------|------------------------------------------|-------------|------------------------|-------------------------------|--------------------------|
| CYG-HWTA-FR-22/6    | 2.7                                      | ○           | 1220                   | 125                           | 36*36*126                |
| CYG-HWTA-FR-33/8    | 3.2                                      | ○           | 1220                   | 100                           | 36*36*126                |
| CYG-HWTA-FR-40/12   | 4.1                                      | ○           | 1220                   | 60                            | 36*36*126                |
| CYG-HWTA-FR-55/16   | 4.1                                      | ○           | 1220                   | 40                            | 36*36*126                |
| CY-HWTA-FR--65/19   | 4.1                                      | ○           | 1220                   | 35                            | 36*36*126                |
| CYG-HWTA-FR-75/22   | 4.1                                      | ○           | 1220                   | 30                            | 36*36*126                |
| CYG-HWTA-FR-95/25   | 4.1                                      | ○           | 1220                   | 20                            | 36*36*126                |
| CYG-HWTA-FR--115/34 | 4.1                                      | ○           | 1220                   | 18                            | 36*36*126                |
| CYG-HWTA-FR-130/36  | 4.1                                      | —           | 1220                   | 16                            | 36*36*126                |