



# DS-FM OTHER PRODUCTS

PET Halogen Free Heat Shrinkable PET Film

### Applications

DS-FM is a flexible, halogen free, environmentally friendly tubing that provides protection up to 85°C. It is widely used for the packaging and identification of batteries, coil windings, capacitors, and fluorescent light bulb encapsulation.

Shrink Temperature : 60°C

### Technical data

Property	Specifications
Appearance	Without feculence
Bend (280mm)	At or above size 8.0mm<3.0mm
	At or under size 10.0mm<3.5mm
Density	1.2KG/L~1.5KG/L
Tensile Strength	5.0X10 <sup>7</sup> N/M <sup>2</sup> ~10.0X10 <sup>7</sup> N/M <sup>2</sup>
Ultimate elongation rate	50%~350%
Absorption (water)	<2.0%
Dielectric strength	>10KV/MM
Resistance	>1.0X10 <sup>10</sup> Ω
Volume resistance	>1.0X10 <sup>14</sup> Ω.CM
Operating temperature range	-40°C ~125°C

### Dimensions

Diameter (mm)	Width (mm)	Wall thickness (X0.01mm)	Shrink ratio (%)	Longitudinal ratio (%)	Longitudinal ratio 180±2°C X15min(%)
φ3	5.50±0.20	8.00±2.00	48±4	8±3	12±3
φ4	7.10±0.20	8.00±2.00	48±4	8±3	12±3
φ5	9.10±0.20	8.00±2.00	48±4	8±3	12±3
φ6	10.60±0.20	8.00±2.00	48±4	8±3	12±3
Φ6.3	11.00±0.20	8.00±2.00	48±4	8±3	12±3
φ8	14.00±0.20	9.00±2.00	48±4	8±3	12±3
φ10	17.00±0.20	9.00±2.00	48±4	8±3	12±3
φ12	20.40±0.30	10.00±2.00	48±4	8±3	12±3
Φ12.5	21.50±0.30	10.00±2.00	48±4	8±3	12±3
φ13	22.00±0.30	10.00±2.00	48±4	8±3	12±3
Φ13.5	22.60±0.30	10.00±2.00	48±4	8±3	12±3
Φ14.5	25.00±0.30	10.00±2.00	48±4	8±3	12±3
φ16	27.10±0.30	11.00±2.00	48±4	8±3	12±3
φ18	30.20±0.30	11.00±2.00	48±4	8±3	12±3
φ22	36.30±0.30	11.00±2.00	48±4	8±3	12±3
φ25	41.30±0.50	12.00±2.00	48±4	8±3	12±3
φ30	49.00±0.50	12.00±2.00	48±4	8±3	12±3
φ35	56.60±0.50	12.00±2.00	48±4	8±3	12±3
φ40	65.00±1.00	12.00±2.00	48±4	8±3	12±3
φ42	68.50±1.00	12.00±2.00	48±4	8±3	12±3
φ45	72.00±1.00	12.00±2.00	48±4	8±3	12±3
φ48	77.60±1.00	12.00±2.00	48±4	8±3	12±3
φ50	84.00±1.00	12.00±2.00	48±4	8±3	12±3
φ52	88.50±1.00	12.00±2.00	48±4	8±3	12±3
φ60	96.00±1.00	12.00±2.00	48±4	8±3	12±3
Φ63.5	105.00±1.00	12.00±2.00	48±4	8±3	12±3