

# FT4AR 4:1 Dual Wall Adhesive Semi-Rigid Tube

## Features:

- Shrink ratio: 4:1
- Working temperature: -45°C~+125°C
- Shrink temperature: Start at 70°C, complete shrink at 120°C
- Longitudinal shrinkage: ≤8%
- Seal and water proof
- High shrink ratio
- Excellent insulation and abrasion resistance

## Application:

It is specially designed to insulate, seal and protect wire splice, terminations and components in automotive industrial.



## 1. Technical Data

Property	Test Method	Typical Performance
Tensile strength	ASTM D2671	≥12 MPa
Elongation (%)	ASTM D2671	≥300%
Tensile strength after heat aging	UL 224 158°C X 168hrs	≥7.3 MPa
Elongation after aging (%)	UL 224 158°C X 168hrs	≥100%
Dielectric strength	IEC 60243	≥15kV/mm
Volume resistivity	IEC 60093	≥1×10 <sup>13</sup> Ω·cm
Hot melt adhesive property	Test Method	Test Result
Water Absorption	ASTM D570	≤0.5%
Softening Point	ASTM E 28	96°C
Strength of peeling (PE)	ASTM D1000	≥120N/25mm
Strength of peeling (AL)	ASTM D1000	≥80N/25mm

## 2. Dimensions

Size		As Supplied (mm)	After Recovery (mm)			Standard Packing
inch	mm	I.D.	I.D.	W.T.	Adhesive thickness	m/spool
1/4	6	6	1.27	1.30±0.15	0.56±0.15	100
5/16	8	8	1.65	1.65±0.15	0.76±0.15	100
1/2	12	12	2.41	2.00±0.15	1.02±0.15	1.22m/pcs
3/4	18	18	4.45	2.50±0.15	1.37±0.15	1.22m/pcs

Remark:

1. Standard color: Black.
2. Special size and cutting pieces are available upon request.
3. FT3AR 3:1 Ratio is available upon request.