

# Dual Wall Adhesive Lined Heat Shrink Sleeve Polyolefin Tubing 3:1 or 4:1 Ratio



A highly flexible dual wall, radiated tubing used for insulating, jacketing and bundling of wire harnesses and components. Made from flame retardant polyolefin, MIL and UL rated, it offers a good balance of sealing and protection against environmental fluids, especially on transitions to connectors. Operates in temperatures up to 85°C.

- Operating Temperature Range -55°C to 85°C
- Shrink Temperature +120°C
- Shrink Ratio 3:1 or 4:1
- Dual Wall
- EVA Adhesive Lined
- Military, UL Approvals



## The worldwide tubing solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the early 21st Century.

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## Technical Data

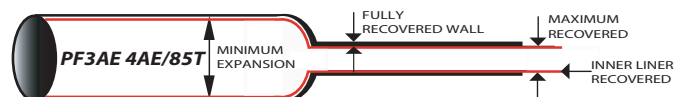
Property	Test Method	Values
Tensile Strength	ASTM D 638	15 MPa
Ultimate Elongation	ASTM D 638	400%
Specific Gravity	ASTM D 792	1.10 g/cm <sup>3</sup>
Longitudinal Change	MIL-I-23053	+1% /- 15%
Heat Ageing	MIL-I-23053	
Ultimate Elongation	(168hrs at 175°C)	No cracking or flowing of outer wall
Heat Shock	(4hrs at 250°C)	
Low Temperature	ASTM D 2671	No cracking
Flexibility	(4hrs at -55°C)	No cracking
Secant modulus	ASTM D 882	110 MPa
Flammability(Excet Clear)	ASTM D 2671 B	Self-extinguishing
Electric Strength	ASTM D 876	24KV/mm (600V/nil)
Copper corrosion	ASTM D 2671	No corrosion
Volume resistance	ASTM D 876	1x10e16 Ohm cm
Water Absorption	ASTM D 570	1.10% Max
Fluid Resistance	MIL-I-23053/4	Good to excellent

## Specification References

Military	UNDERWRITERS LAB	
MIL-I- 23053/4	UL 224	( Jacket only )
Class 3	125 °C	

## Dimensions

ORDERING No. size ref.	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	FULLY RECOVERED WALL mm	INNER LINER RECOVERED mm
<b>3:1</b>				
30	3.00	1.00	0.96	0.40
45	4.50	1.50	1.06	0.50
60	6.00	2.00	1.19	0.50
90	9.00	3.00	1.27	0.60
120	12.00	4.00	1.40	0.77
190	19.00	6.00	1.80	0.80
240	24.00	8.00	2.25	1.00
400	40.00	13.00	2.25	1.00
<b>4:1</b>				
40	4.00	2.00	1.00	0.40
80	8.00	2.00	1.20	0.40
120	12.00	3.00	1.40	0.40
160	16.00	4.00	1.70	0.60
240	24.00	6.00	2.10	0.60
320	32.00	8.00	2.40	0.70
520	52.00	13.00	2.40	0.70



Packaging : 4FT length(1.22 mtr.)  
 Spool (Upon request)

Colour : Black (BK), Red (RD), Blue (BU), Clear (CR)

ORDERING INFORMATION : Product Size Grade Trace Colour  
 PF3AE 4AE \_\_\_ /85 T \_\_\_  
 e.g. PF3AE400/85TBK, PF4AE520/85TBK