Dual Wall Heat Shrink Tubing

Dual Wall Heat Shrink Tubing is mainly used to encapsulate/protect components from moisture, air or aggressive media.

The Concept

The Dual Wall Heat Shrink design consists of an outer PTFE tube which is then lined with a melt fusible FEP tube. FEPs melt temperature is much lower than PTFEs shrink temperature so as heat is applied the FEP softens and flows over the component; the PTFE tube then shrinks down onto the FEP. Following the cooling phase, the FEP sets and is firmly bonded to both the PTFE and the component thus creating a strong, moisture tight encapsulation. Maximum working temperature for encapsulated parts is approximately 210°C (410°F).

Applications

Dual Wall Heat Shrink Tubing applications include wire & cable harnesses, connectors, splices and any electrical termination where moisture or corrosive fluids can have a damaging effect.

Availability

- Standard 1.22m lengths, longer lengths upon request
- Standard colour natural
- Special sizes upon request, MOQs apply.

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Standard Metric Sizes

Expanded ID (mm)	Shrunk ID (mm)	Shrunk wall thk (mm)
0.91	0.00	0.60
1.52	0.00	0.70
3.30	0.00	0.80
4.80	1.60	0.90
6.40	3.20	0.90
8.90	4.80	0.90
11.40	7.90	1.40
17.80	11.20	1.40
24.10	16.00	1.65

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