

Sealing and Protection for Wire Bundles, Connectors, Terminals and Splices



QSZH-125 Tubing
Sealing and protection of inline wire splices and grounding ring terminals.



QSZH-125 Tubing

Zero halogen, dual wall heat-shrinkable tubing designed to provide environmental sealing, mechanical and electrical protection of in-line splices in an automotive environment.

The tubing is centred over the splice area and on heating the adhesive melts and is squeezed around where the wires are crimped or welded and between wire cores by the shrinking action of the sleeve. The installed QSZH-125 tube provides low profile mechanical protection against flexing, abrasion and cut-through as well as electrical insulation.

There are five QSZH-125 sizes to cover a wide range of typical automotive splice configurations having a maximum of seven wires on either side.

The sleeves are marked 1, 2, 3, 3A and 4 to denote the size.

Benefits

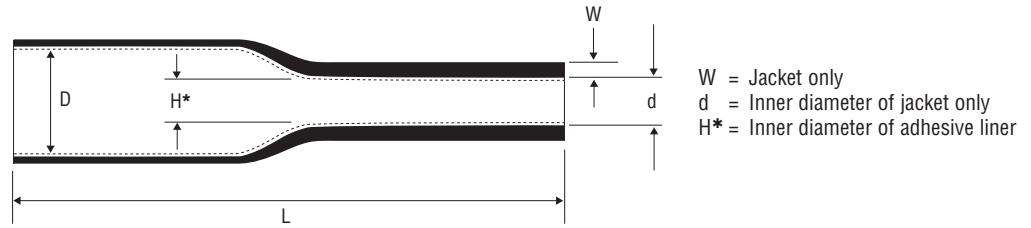
- Excellent Environmental Sealing (2×10^8 Ohms minimum after 24 hrs immersion in 5% NaCl)
- Quick installation
- Zero Halogen
- Inspectable after installation
- Mechanical Protection against flexing, abrasion and cut-through
- Applications versatility – one tubing size covers a broad range of ground wire sizes and wire combinations
- Small cross-sectional profile
- Temperature rated to 125°C
- RoHS/ELV compliant

Dual-Wall, Moisture Proof, Heat-Shrinkable Tubing to Protect Electrical Splices

Product Features

QSZH-125 Tubing

- Continuous operating temperatures from -40°C up to $+125^{\circ}\text{C}$ (3000 hrs)
- 4:1 shrink ratio



Product Dimensions

Size	Inside Diameter			Wall Thickness (mm)		Length** L (nom)	Ordering Description
	D (min) Expanded as Supplied	H (max)* Recovered after Heating	d (max) Recovered Jacket after Heating	W (min) Recovered Jacket after Heating	W + Adhesive Liner (min)		
NR1	5.75	1.25	2.65	0.6	1.15	50	QSZH-125-NR1
NR2	7.50	1.65	3.45	0.7	1.4	50	QSZH-125-NR2
NR3	11.00	2.40	4.65	0.8	1.8	65	QSZH-125-NR3
NR3A	14.00	3.00	5.90	0.9	2.15	65	QSZH-125-NR3A
NR4	18.30	4.35	7.40	0.9	2.2	75	QSZH-125-NR4

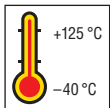
Refer to the Installation Guidelines document before selecting size (PIP-101).
The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage.

*) Nominal values for reference only.

***) Other lengths are available subject to special order.

Ordering Information

Standard Colour	Jacket	Adhesive
	Clear	Black
Installation	The product may be installed using a TE Automotive RBK-ILS Processor or other recommended application equipment. Consult your local TE Automotive office for more information.	
Size Selection	Refer to PIP-101	
Ordering Description	Specify product name, size and colour (for example QSZH-125-NR)	
Specifications/Approvals	Series QSZH-125 Tubing	TE RK-6771



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Fluid Resistant

Mouser Electronics

Authorized Distributor

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[QSZH-125-NR1-30MM](#) [QSZH-125-NR1-27MM](#) [QSZH-125-NR4-STK](#) [QSZH-125-NR4-75MM](#) [QSZH-125-NR3-65MM](#)
[QSZH-125-NR2-130MM](#) [QSZH-125-NR4-35MM](#) [QSZH-125-NR1-50MM](#) [QSZH-125-NR2-50MM](#) [QSZH-125-NR4-](#)
[50MM](#) [QSZH-125-NR4-55MM](#)