

# QVEE Dual Wall Heatshrink Dispenser Boxes 3:1 Ratio

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#QVHSD

www.qvee.com.au

## DESCRIPTION

The QVEE heatshrink tubing dispenser boxes contain a continuous length of 3:1 ratio dual wall heatshrink.

Dual wall heat shrink is a general purpose heatshrink tubing which has a co-extruded adhesive layer inside. Its primary function is to provide environmental protection to cable joints while remaining flexible.

The durable carboard dispenser box is a great way to neatly store and use the QVEE heatshrink.



## TECHNICAL SPECIFICATIONS

- RoHS & UL compliant
- Dual wall heatshrink conforms to military specifications

### GENERAL SPECIFICATIONS

Material	• Ethylene-vinyl acetate & hot-melt adhesive
Temperature Range	• -45°C to 125°C
Shrink Temperature	• 125°C to 200°C
Longitudinal Shrinking	• Less than +/- 8%

### ELECTRICAL RESISTANCE

Dielectric Strength	• UL224: No break @ 2500V within 1 minute
Volume Resistance	• IEC 93: $\geq 1 \times 10^{14}$ Ohm/m

### HOT-MELT ADHESIVE SPECIFICATIONS

Water Absorbtion	• ASTM-D570: < 0.2%
Vicat Softening Point	• ASTM-E8: 95°C
Peel Strength (PE)	• ASTM-D1000: 120N/25m
Peel Strength (AL)	• ASTM-D1000: 80N/2m

### PHYSICAL RESISTANCE

Tensile Strength	• ASTM D2671: $\geq 12$ MPa
Elongation %	• ASTM D2671 $\geq 300\%$
Tensile Strength (After Aging)	• UL224 158°C x 168hr: $\geq 7.3$ MPa
Elongation % (After Aging)	• UL224 158°C x 168hr: $\geq 200\%$

## PART NUMBERS

Black Part No.	Roll Size	As Supplied		After Recovered		Application Range
		I.D	I.D	Wall Thickness	Adhesive Thickness	
QVHSD3BK	• 5m	• 3.2mm	• $\leq 1.0$ mm	• 0.90 +/- 0.30mm	• 0.40 +/- 0.20mm	• 1.0 - 3.1mm
QVHSD6BK	• 3.5m	• 6.4mm	• $\leq 2.2$ mm	• 1.25 +/- 0.30mm	• 0.45 +/- 0.20mm	• 2.4 - 6.4mm
QVHSD10BK	• 3m	• 9.5mm	• $\leq 3.2$ mm	• 1.45 +/- 0.30mm	• 0.50 +/- 0.20mm	• 3.4 - 9.4mm
QVHSD12BK	• 2.5m	• 12.7mm	• $\leq 4.2$ mm	• 1.70 +/- 0.30mm	• 0.50 +/- 0.20mm	• 4.4 - 12.5mm