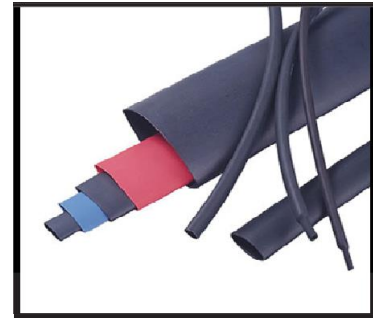


DUAL WALL ADHESIVE LINED HEAT SHRINK DWT

DWT adhesive lined heat shrink tubing has environmental sealing capability for a wide variety of electrical applications including automotive, marine wire harness, wire splices, breakouts and connector-to-cable transitions.

Features

- 3:1 Shrink ratio
- Crossed linked polyolefin
- Rated voltage 1000V
- Longitudinal shrink ratio: $\leq +8\%$
- Flame retardant, inner adhesive self-extinguished
- Super sealing against water and moisture
- Chemical resistant and high dielectric strengths
- Continuous operating temperature: $-55^{\circ}\text{C} - 125^{\circ}\text{C}$
- Shrink temperature: 120°C
- RoHS compliant



CATALOGUE NO	SIZE (mm)	AS SUPPLIED	AFTER RECOVERY			STANDARD LENGTH (mm)
		Internal Diameter (mm)	Internal Diameter Max (mm)	Wall Thickness Nom (mm)	Wall Thickness of Adhesive (mm)	
DWT3.2/0.6	3.2	3.2	0.6	0.90 \pm 0.15	0.35 \pm 0.10	1200
DWT4.8/1.8	4.8	4.8	1.6	1.00 \pm 0.15	0.40 \pm 0.10	1200
DWT6.4/2	6.4	6.4	2	1.25 \pm 0.15	0.45 \pm 0.12	1200
DWT9.5/3	9.5	9.5	3	1.40 \pm 0.15	0.50 \pm 0.12	1200
DWT12.7/4	12.7	12.7	4.20	1.70 \pm 0.15	0.50 \pm 0.12	1200
DWT19/6	19	19	6	1.95 \pm 0.15	0.55 \pm 0.15	1200
DWT24/8	24	24	8	2.05 \pm 0.20	0.55 \pm 0.15	1200
DWT40/13	40.0	40.0	13	2.50 \pm 0.20	0.60 \pm 0.15	1200
DWT50/17	50.0	50.0	17.00	2.80 \pm 0.25	0.70 \pm 0.15	1200
DWT75/25	75.0	75.0	25.00	3.00 \pm 0.30	1.00 \pm 0.20	1200

** Standard Colours: Black, Red & Clear. Other colours available upon request
 ** For black DWT add "BLK" to end of code, same for clear ("CLR") and red ("RD")

DUAL WALL ADHESIVE-LINED HEAT SHRINK (DWT)

PROPERTY	TEST METHOD	TYPICAL DATA
Tensile Strength (Mpa)	ASTM D2671	≥ 10.4
Elongation (%)	ASTM D2671	≥ 300
Tensile Strength after Ageing (Mpa)	UL224 158 x 168 hrs	≥ 7.3
Elongation after Ageing (%)	UL224 158 $^{\circ}\text{C}$ x 168 hrs	≥ 200
Dielectric Strength	IEC 243	≥ 15
Volume Resistance ($\Omega\cdot\text{cm}$)	ASTM D876	$10^{14}\Omega\cdot\text{cm}$
Voltage Withstand (AC2500V/60 seconds)	UL224	Pass
Flammability	ASTM D570	Self-extinguish in 30 sec
HOT MELT ADHESIVE PROPERTY		
TEST ITEM	TEST MEHTOD	TEST RESULT
Water Absorption Ratio	ASTM-D570	$< 0.2\%$
Softening Point	ASTM-E8	95°C
Strength of Pearing (PE)	ASTM-D1000	120N/25m
Strength of Pearing (AL)	ASTM-D1000	80N/25m