

## Dual Wall Adhesive-Lined Crosslinked Polyolefin H-3-DW

Adhesive-lined heat shrink tubing ideal for applications where both exceptional flame retardancy and environmental sealing capabilities are required

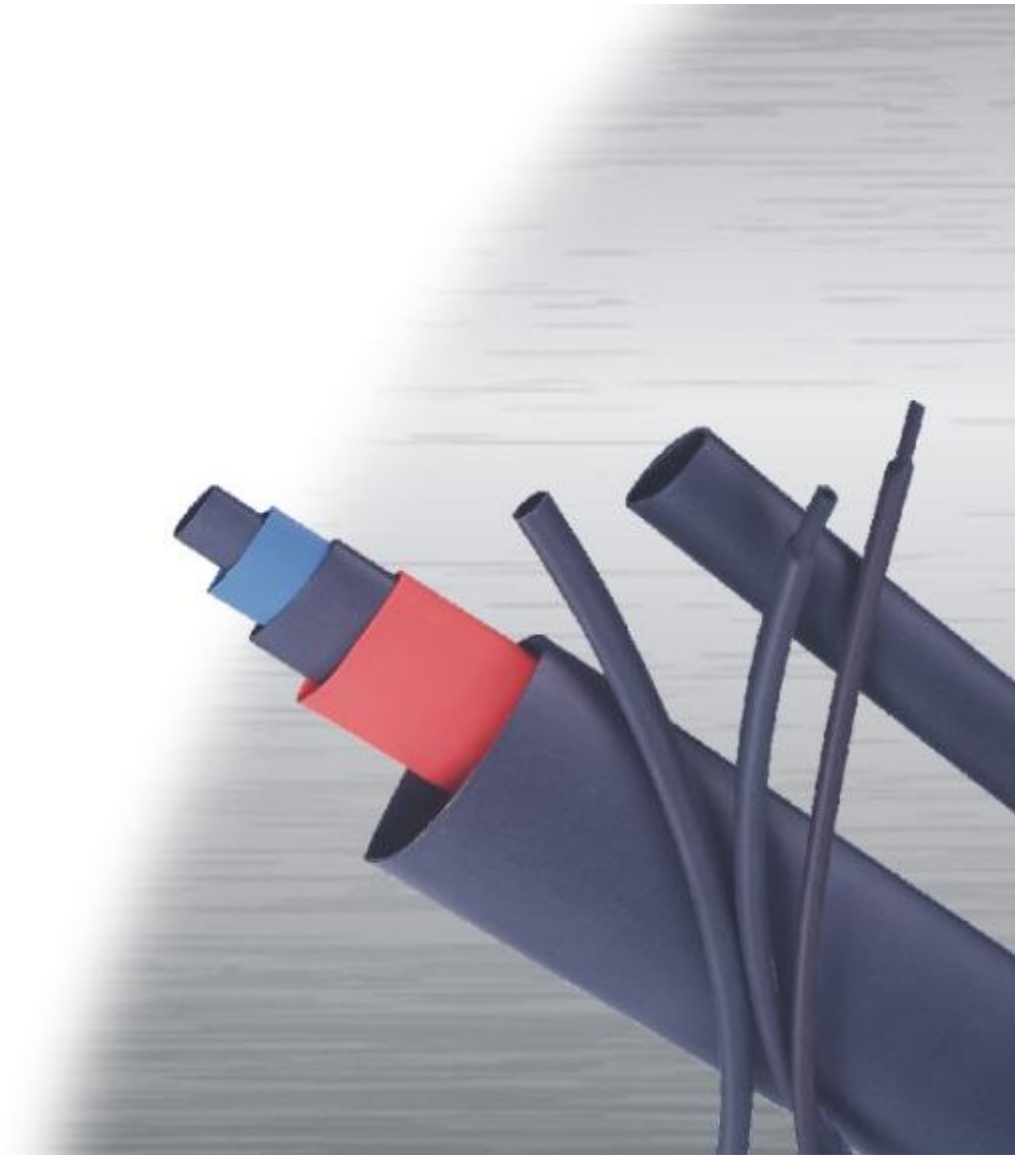
### Features

- Flame retardant
- Superior sealing against water, moisture or other contaminants
- Continuous Operating

Temperature :-45°C to 125°C

- Shrink Temperature:120 °C

UL



## H-3-DW Specification

Size		As supplied(mm)		After Recovered(mm)			Standard
Inch	(mm)	Min.I.D	Average WT	Max.I.D	Tatal W.T	Adhesive thickness	Meter/spool
1/8	Φ3.2	3.2	0.30±0.08	1.00	0.95±0.08	0.35±0.08	200
3/16	Φ4.8	4.8	0.46±0.08	1.60	1.10±0.08	0.40±0.08	100
1/4	Φ6.4	6.4	0.50±0.08	2.20	1.20±0.08	0.45±0.08	100
5/16	Φ7.9	7.9	0.52±0.08	2.70	1.35±0.08	0.50±0.08	100
3/8	Φ9.5	9.5	0.55±0.008	3.20	1.45±0.08	0.50±0.08	meter/bag
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1/2	Φ12.7	12.7	0.68±0.08	4.20	1.70±0.08	0.50±0.8	36.6
5/8	Φ15.0	15.0	0.70±0.10	5.20	1.80±0.10	0.55±0.10	30.5
3/4	Φ19.1	19.1	0.76±0.10	6.30	2.00±0.10	0.55±0.10	30.5
1	Φ25.4	25.4	0.78±0.10	8.50	2.10±0.10	0.55±0.10	30.5
1-1/4	Φ30.0	30.0	0.80±0.10	10.20	2.20±0.10	0.60±0.10	24.4
1-1/2	Φ39.0	39.0	0.851±0.10	13.50	2.40±0.10	0.60±0.10	18.3
2	Φ50.0	50	0.95±0.10	17.00	2.70±0.10	0.70±0.10	12.2
5/2	Φ64	64	0.95±0.10	21.00	3.00±0.15	0.70±0.10	6.1
3	Φ75	76	1.00±0.15	25.00	3.20±0.15	1.00±0.15	1.22M/pcs
7/2	Φ90	90	1.00±0.15	30.00	3.30±0.15	1.00±0.15	1.22M/pcs
4	Φ100	100	1.20±0.15	34.00	3.50±0.15	1.20±0.15	1.22M/pcs
5	Φ125	125	1.20±0.15	42.00	3.50±0.15	1.20±0.15	1.22M/pcs

## Technical Date:

Property	Test Method	Standard
Tensile Strength(MPa)	ASTM D2671	≥12
Elongation	ASTM D2671	≥300
Tensile Strength after aging (MPa)	UL224 158℃×168h	≥7.3
Elongation after aging(%)	UL224 158℃×168h	≥200
Dielectric strength(kv/mm)	IEC243	≥15
Volume resistivity(Ω.cm)	IEC93	≥1×10 <sup>14</sup>

## Hot Melting Adhesive Property

Property	Test Method	Standard
Water Absorption	ASTM D570	≤0.2%
Softening Point	ASTM E28	95°C
Peel Strength(AL)	ASTM D 1000	120N/25mm
Peel Strength(AL)	ASTM D 1000	80N/25mm

## Dual wall Adhesive-Lined Cross Linked Polyolefin H-4-DW

Flexible heat shrink tubing with a temperature resistant polyamide adhesive inner lining

### Feature

- Flexible
- Very high shrink ratio
- Specially designed polyamide adhesive protects components at higher temperatures
- Superior sealing against water or other contaminants
- Continuous Operating Temperature:-45°C to 125°C\*
- Shrink Temperature:120°C

UL



Size		As supplied Min.I.D	After Recovery(mm)			Standard package m/spool or m/pc
Mm	Inch		MAX. I.D	Total W.T.	Adhesive thickness	
Φ4.0	——	1.0	1.0	1.0±0.15	0.4±0.15	200
Φ6.0	——	6.0	1.5	1.1±0.15	0.4±0.15	100
Φ8.0	——	8.0	2.0	1.5±0.15	0.5±0.15	50
Φ12.0	——	12.0	3.0	1.7±0.15	0.5±0.15	1.22
Φ16.0	——	16.0	4.0	2.0±0.15	0.6±0.15	1.22
Φ20.0	——	20.0	5.0	2.3±0.25	0.6±0.15	1.22
Φ24.0	——	24.0	6.0	2.5±0.25	0.6±0.15	1.22
Φ32.0	——	32.0	8.0	2.8±0.30	0.7±0.15	1.22
Φ52.0	——	52.0	13	3.0±0.30	0.7±0.15	1.22

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Peel Strength(PE)	ASTM D 1000	120N/25mm
Peel Strength(AL)	ASTM D 1000	80N/25mm