

Alco

Thin Wall Heatshrink

FEATURES:

Purpose	Heatshrink is ideally used for heavy duty and general purpose use i.e. electrical insulation, termination, splicing, bundling, cable protection and strain relief
Applications	Suitable for insulation colour-coding and cable terminations
Features	Low shrink temperature and flame retardant Flexible and UV resistant
Shrink Temperature	Above 110°C
Shrink Ratio	Radial Shrinking Ratio: > 50% Longitudinal Shrinking Ratio: < 10%
Tensile Strength	15.5 MPa
Elongation at Break	580%
Material	Ethylene Vinyl Acetate
Operating Temperature	-55°C to +125°C

TECHNICAL DATA:

PROPERTY		TEST METHOD	STANDARD
Physical	Tensile strength (Mpa)	ASTM D2671	≥10.4
	Elongation (%)	ASTM D2671	≥200
	Tensile strength after aging (Mpa)	UL 224 158°C*168hrs	≥7.3
	Elongation after aging (%)	UL 224 158°C*168hrs	≥100
	Heat shock	UL 224 250°C*4hrs	No Dripping, No Cracking
Electrical	Cold blend	UL 224 -30°C*1hrs	No cracking
	Dielectric strength(kV/mm)	IEC 243	≥15
	Dielectric withstand-300V	UL 224	No breakdown for 1500V
	Dielectric withstand-600V	UL 224	No breakdown for 2500V
	Volume resistivity (Ω.cm)	IEC 93	≥1*10 ¹⁴
Chemical	Corrosion of bare copper	UL 224 158°C*168hrs	Pass
	Copper stability	UL 224 158°C*168hrs	Pass
	Flammability	UL 224	VW-1



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PART NUMBER	DIAMETER AS SUPPLIED (MM)	FULLY RECOVERED DIAMETER AFTER HEATING (MM)	FULLY RECOVERED WALL THICKNESS (MM)	COLOUR	LENGTH (M)
HSTNW1.5/0.75BK	1.5	0.65	0.28	black	1.2
HSTNW1.5/0.75BL	1.5	0.65	0.28	blue	1.2
HSTNW1.5/0.75CL	1.5	0.65	0.28	clear	1.2
HSTNW1.5/0.75RD	1.5	0.65	0.28	red	1.2
HSTNW1.5/0.75WH	1.5	0.65	0.28	white	1.2
HSTNW1.5/0.75YG	1.5	0.65	0.28	yellow/ green	1.2
HSTNW2.0/1.0BK	2.5	1.0	0.35	black	1.2
HSTNW2.0/1.0BL	2.5	1.0	0.35	blue	1.2
HSTNW2.0/1.0CL	2.5	1.0	0.35	clear	1.2
HSTNW2.0/1.0RD	2.5	1.0	0.35	red	1.2
HSTNW2.0/1.0WH	2.5	1.0	0.35	white	1.2
HSTNW2.0/1.0YG	2.5	1.0	0.35	yellow/ green	1.2
HSTNW2.5/1.25BK	3.0	1.5	0.40	black	1.2
HSTNW2.5/1.25BL	3.0	1.5	0.40	blue	1.2
HSTNW2.5/1.25CL	3.0	1.5	0.40	clear	1.2
HSTNW2.5/1.25RD	3.0	1.5	0.40	red	1.2
HSTNW2.5/1.25WH	3.0	1.5	0.40	white	1.2
HSTNW2.5/1.25YG	3.0	1.5	0.40	yellow/ green	1.2
HSTNW5.0/2.5BK	5.5	2.5	0.55	black	1.2
HSTNW5.0/2.5BL	5.5	2.5	0.55	blue	1.2
HSTNW5.0/2.5CL	5.5	2.5	0.55	clear	1.2
HSTNW5.0/2.5RD	5.5	2.5	0.55	red	1.2
HSTNW5.0/2.5WH	5.5	2.5	0.55	white	1.2
HSTNW5.0/2.5YG	5.5	2.5	0.55	yellow/ green	1.2
HSTNW7.0/3.55BK	7.5	3.5	0.55	black	1.2
HSTNW7.0/3.55BL	7.5	3.5	0.55	blue	1.2
HSTNW7.0/3.55CL	7.5	3.5	0.55	clear	1.2
HSTNW7.0/3.55RD	7.5	3.5	0.55	red	1.2
HSTNW7.0/3.55WH	7.5	3.5	0.55	white	1.2
HSTNW7.0/3.55YG	7.5	3.5	0.55	yellow/ green	1.2
HSTNW10.0/5.0BK	10.5	5.0	0.60	black	1.2
HSTNW10.0/5.0BL	10.5	5.0	0.60	blue	1.2
HSTNW10.0/5.0CL	10.5	5.0	0.60	clear	1.2
HSTNW10.0/5.0RD	10.5	5.0	0.60	red	1.2
HSTNW10.0/5.0WH	10.5	5.0	0.60	white	1.2
HSTNW10.0/5.0YG	10.5	5.0	0.60	yellow/ green	1.2
HSTNW13/6.5BK	13.5	6.5	0.65	black	1.2
HSTNW13/6.5BL	13.5	6.5	0.65	blue	1.2
HSTNW13/6.5CL	13.5	6.5	0.65	clear	1.2
HSTNW13/6.5RD	13.5	6.5	0.65	red	1.2
HSTNW13/6.5WH	13.5	6.5	0.65	white	1.2
HSTNW13/6.5YG	13.5	6.5	0.65	yellow/ green	1.2
HSTNW18/9BK	19.0	9.0	0.80	black	1.2
HSTNW18/9BL	19.0	9.0	0.80	blue	1.2
HSTNW18/9CL	19.0	9.0	0.80	clear	1.2
HSTNW18/9RD	19.0	9.0	0.80	red	1.2
HSTNW18/9WH	19.0	9.0	0.80	white	1.2
HSTNW18/9YG	19.0	9.0	0.80	yellow/ green	1.2
HSTNW22/11BK	24.0	11.0	0.80	black	1.2
HSTNW22/11BL	24.0	11.0	0.80	blue	1.2
HSTNW22/11CL	24.0	11.0	0.80	clear	1.2

PART NUMBER	DIAMETER AS SUPPLIED (MM)	FULLY RECOVERED DIAMETER AFTER HEATING (MM)	FULLY RECOVERED WALL THICKNESS (MM)	COLOUR	LENGTH (M)
HSTNW22/11RD	24.0	11.0	0.80	red	1.2
HSTNW22/11WH	24.0	11.0	0.80	white	1.2
HSTNW22/11YG	24.0	11.0	0.80	yellow/ green	1.2
HSTNW25/12BK	25.0	12.0	0.80	black	1.2
HSTNW25/12BL	25.0	12.0	0.80	blue	1.2
HSTNW25/12CL	25.0	12.0	0.80	clear	1.2
HSTNW25/12RD	25.0	12.0	0.80	red	1.2
HSTNW25/12WH	25.0	12.0	0.80	white	1.2
HSTNW25/12YG	25.0	12.0	0.80	yellow/ green	1.2
HSTNW40/20BK	41.5	20.0	1.00	black	1.2
HSTNW40/20BL	41.5	20.0	1.00	blue	1.2
HSTNW40/20CL	41.5	20.0	1.00	clear	1.2
HSTNW40/20RD	41.5	20.0	1.00	red	1.2
HSTNW40/20WH	41.5	20.0	1.00	white	1.2
HSTNW40/20YG	41.5	20.0	1.00	yellow/ green	1.2
HSTNW50/25BK	51.0	25.0	1.00	black	1.2
HSTNW50/25BL	51.0	25.0	1.00	blue	1.2
HSTNW50/25CL	51.0	25.0	1.00	clear	1.2
HSTNW50/25RD	51.0	25.0	1.00	red	1.2
HSTNW50/25WH	51.0	25.0	1.00	white	1.2
HSTNW50/25YG	51.0	25.0	1.00	yellow/ green	1.2
HSTNW70/35BK	70.0	36.0	1.30	black	1.2
HSTNW70/35BL	70.0	36.0	1.30	blue	1.2
HSTNW70/35CL	70.0	36.0	1.30	clear	1.2
HSTNW70/35RD	70.0	36.0	1.30	red	1.2
HSTNW70/35WH	70.0	36.0	1.30	white	1.2
HSTNW70/35YG	70.0	36.0	1.30	yellow/ green	1.2
HSTNW100/50BK	100.0	51.0	1.46	black	1.2
HSTNW100/50BL	100.0	51.0	1.46	blue	1.2
HSTNW100/50CL	100.0	51.0	1.46	clear	1.2
HSTNW100/50RD	100.0	51.0	1.46	red	1.2
HSTNW100/50WH	100.0	51.0	1.46	white	1.2
HSTNW100/50YG	100.0	51.0	1.46	yellow/ green	1.2
HSTNW120/60BK	120.0	61.0	1.56	black	1.2
HSTNW120/60BL	120.0	61.0	1.56	blue	1.2
HSTNW120/60CL	120.0	61.0	1.56	clear	1.2
HSTNW120/60RD	120.0	61.0	1.56	red	1.2
HSTNW120/60WH	120.0	61.0	1.56	white	1.2
HSTNW120/60YG	120.0	61.0	1.56	yellow/ green	1.2
HSTNW150/75BK	150.0	76.0	1.56	black	1.2
HSTNW150/75BL	150.0	76.0	1.56	blue	1.2
HSTNW150/75CL	150.0	76.0	1.56	clear	1.2
HSTNW150/75RD	150.0	76.0	1.56	red	1.2
HSTNW150/75WH	150.0	76.0	1.56	white	1.2
HSTNW150/75YG	150.0	76.0	1.56	yellow/ green	1.2
HSTNW200/100BK	200.0	100.0	1.56	black	1.2
HSTNW200/100BL	200.0	100.0	1.56	blue	1.2
HSTNW200/100CL	200.0	100.0	1.56	clear	1.2
HSTNW200/100RD	200.0	100.0	1.56	red	1.2
HSTNW200/100WH	200.0	100.0	1.56	white	1.2
HSTNW200/100YG	200.0	100.0	1.56	yellow/ green	1.2

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