DATASHEET · THERMAL · EMI SHIELDING

Thermal & Shielding Tape

Thermal conductive tape for heat-sink bonding, plus aluminum foil, copper foil and conductive cloth tape for EMI/RF shielding and pipe or duct wrap. Supplied from Toronto to the GTA and across Canada, with datasheets on request.

Thermal conductive tape (acrylic adhesive)

SERIES	CARRIER	TOTAL (MM)	PEEL (N/25 MM)	BREAKDOWN	THERMAL COND.	INITIAL TACK (J.DOW NO.)	HOLDING POWER (KG/25 MM/H)
AHS-8105	None	0.05	>10.78	1 kV	1.2	8	>48
AHS-8110	None	0.1	>13.72	2 kV	1.2	12	>48
AHS-8125	None	0.25	>13.72	6.8 kV	1.2	16	>48
AHS-8115G	Glass fabric	0.15	>13.72	3 kV	1.0	14	>48
AHS-8130G	Glass fabric	0.3	>13.72	7.5 kV	1.0	16	>48

Aluminum foil tape (conductive acrylic adhesive)

SERIES	TOTAL (MM)	FOIL (MM)	PEEL (N/25 MM)	SHORT / LONG-TERM (°C)	INITIAL TACK (J.DOW NO.)	HOLDING POWER (KG/25 MM/H)	VOLTAGE RESISTANCE
AHS-8203	0.03	0.01	1.2	120 / 80	6	≥48	>4 kV
AHS-8206	0.06	0.025	1.2	120 / 80	6	≥48	>4 kV
AHS-8209	0.09	0.05	1.2	120 / 80	6	≥48	>4 kV
AHS-8212	0.12	0.075	1.5	120 / 80	7	≥48	>4 kV
AHS-8215	0.15	0.1	1.5	120 / 80	7	≥48	>4 kV

Mylar aluminum foil tape (acrylic adhesive)

SERIES	TOTAL (MM)	FOIL (MM)	PEEL (N/25 MM)	SHORT / LONG-TERM (°C)	INITIAL TACK	HOLDING POWER (KG/25 MM/H)
AHS-83055	0.055	0.025	≥11.76	150 / 120	6	≥24
AHS-83068	0.068	0.038	≥9.8	150 / 120	6	≥24
AHS-8308	0.08	0.05	≥9.8	150 / 120	6	≥24
AHS-8313	0.13	0.1	≥9.8	150 / 120	7	≥24

Double conductive foil tape (conductive acrylic, both sides)

SERIES	TOTAL (MM)	FOIL (MM)	PEEL (N/25 MM)	SHORT / LONG-TERM (°C)	INITIAL TACK (PSTC-6)	ELECTRICAL RESISTANCE (Ω/IN²)	HOLDING POWER (KG/25 MM/H)
AHS-84055	0.055	0.025	≥13.72	150 / 120	<200	<0.1	≥24
AHS-84068	0.068	0.038	≥9.8	150 / 120	<200	<0.1	≥24
AHS-8408	0.08	0.05	≥9.8	150 / 120	<200	<0.1	≥24
AHS-8413	0.13	0.1	≥9.8	150 / 120	<200	<0.1	≥24

Copper foil tape (conductive acrylic adhesive)

SERIES	BACKING	TOTAL (MM)	COPPER (MM)	SURFACE RESISTANCE	SHORT / LONG-TERM (°C)	PEEL (N/MM)	HOLDING POWER (KG/25 MM/H)
AHS-8502	Copper foil / nano carbon	0.02	0.009	≤0.05 Ω	120 / 80	1.2	48
AHS-8505	Copper foil / nano carbon	0.05	0.018	≤0.05 Ω	120 / 80	1.2	48
AHS-8506	Copper foil / nano carbon	0.06	0.025	≤0.05 Ω	120 / 80	1.2	48
AHS-8509	Copper foil / nano carbon	0.09	0.05	≤0.05 Ω	120 / 80	1.2	48
AHS-8512	Copper foil	0.12	0.045	≤0.03 Ω	250 / 220	—	48

Conductive cloth tape (conductive acrylic adhesive, silver grey or black)

SERIES	TOTAL (MM)	BACKING (MM)	PEEL (N/MM)	RESISTANCE	SHORT / LONG-TERM (°C)	HOLDING POWER (KG/25 MM/H)
AHS-8603	0.03	0.015	0.8	0.05 Ω	120 / 80	48
AHS-8607	0.07	0.05	1.2	0.05 Ω	120 / 80	48
AHS-8610	0.1	0.08	1.2	0.05 Ω	120 / 80	72
AHS-8612	0.12	0.08	1.5	0.05 Ω	120 / 80	72
AHS-8615	0.15	0.025	1.5	0.05 Ω	120 / 80	75

Thermal conductivity as stated in the manufacturer catalog. The catalog does not give a reliable temperature rating for this tape, so confirm it on the datasheet before use.

Not listed? Contact us: we slit to size, die-cut to drawing and can source other series on request.

FREE SAMPLES AND QUOTES

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