

Kapton Heaters

Etched Foil Elements

Etched foil FEP bonded heaters operate at temperatures to 450°F and are stocked in rectangular, square and round shapes. The maximum thickness is .008" except at the lead exit. 120 and 28 Volts are standard. PSA, (Pressure Sensitive Adhesive), offers a simple way to install the heaters under 250°F. Lead wires are 12" long Teflon insulated to UL 1180. All heaters are tested for resistance and 1250 Volt dielectric. Leads exit from the center of the narrow portion of the rectangular units. Center of one edge on square units and the outer edge of round units



Type TRKH Rectangle 120V 12" Leads

Width	Length	5W/in2	Part#	Price \$	W/PSA	Price \$
1	4	20	TRKH010405	23.00	TRKH010405P	25.00
1	6	30	TRKH010605	24.00	TRKH010605P	27.00
1	12	60	TRKH011205	26.00	TRKH011205P	30.00
2	2	20	TRKH020205	23.00	TRKH020205P	25.00
2	4	40	TRKH020405	24.00	TRKH020405P	26.00
2	12	120	TRKH021205	32.00	TRKH021205P	36.00
3	3	45	TRKH030305	24.00	TRKH030305P	28.00
3	6	90	TRKH030605	28.00	TRKH030605P	32.00
3	12	180	TRKH031205	37.00	TRKH031205P	42.00
4	4	80	TRKH040405	26.00	TRKH040405P	31.00
4	8	160	TRKH040805	35.00	TRKH040805P	38.00
4	12	240	TRKH041205	45.00	TRKH041205P	48.00

Operating Temperatures From -60° To 450° Degrees F

Maximum thickness of heater .008", with PSA .009".

Maximum thickness at leads .110"

Watts per square inch - 5 watts per square inch

Self Adhesive - Optional PSAS

Leads - Teflon insulated leads (UL 1180) 12" long typically 22 AWG (Wire gauge varies with heater)

Dielectric strength 1250V

Minimum Bending radius 1"

These elements are ideal for enduser, test and development applications. For heaters designed specific to your process or application, call Therm-x we provide quick turn competitively priced heaters for all quantities.

Type TRKL Rectangle 28V 12" Leads

Width	Length	5W/in2	Part#	Price \$	W/PSA	Price \$
0.5	2	5	TRKH.50205L	\$23.00	TRKH.50205LP	24.00
1	1	5	TRKH010105L	\$23.00	TRKH010105LP	24.00
1	5	25	TRKH010505L	\$24.00	TRKH010505LP	25.00
2	2	20	TRKH020205L	\$24.00	TRKH020205LP	25.00

Type TRKR Round 120V 12" Leads

Width	5W/in2	Part#	Price \$	W/PSA	Price \$
2	30	TRKR0210	24.00=	TRKR0210P	26.00
4	60	TRKR0405	27.00	TRKR0405P	37.00
6	140	TRKR0605	40.00	TRKR0605P	42.00
8	250	TRKR0805	46.00	TRKR0805P	52.00
10	380	TRKR1005	56.00	TRKR1005P	60.00
12	560	TRKR1205	60.00	TRKR1205P	74.00

To use these stock heaters to create custom watt densities, use a variable power supply. Call Therm-x for assistance selecting the correct model.