



KAI-S-06 01.03.2017

SPECIFICATIONS





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Temperature Indicating Products (Anabond)

- Melting Crayons
- Color Charging Crayons
- Color Charging Stickers
- Conductive Compounds

Thermopens

Theromopens are surface temperature indicating crayons .Therrmopens indicate surface temperature by changing from chalk mark into liquid smear.

General Direction for use :

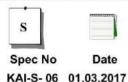
Remove cap from plastic holder. Push Thermopen slightly out of the holder and retighten with cap. Peel protective aluminium foil to expose. Thermopen Mark the on the surface where the temperature is to be measured. If the chalk mark turns into a liquid smear then the surface has attained the rated thermopen temperature. If the chalk remains unchanged, then the surface temperature is lower than that rated for Therompen.

Standard Ranges In ° C

50	110	170	350	800
60	120	180	400	900
70	130	190	450	1000
80	140	200	500	
90	150	250	600	
100	160	300	700	







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Application:

Determining preheat and post heat temperatures during welding, annealing, and stress reliving in metal fabrication. Measuring operating temperatures of transformers, motors, glass blowing, steam traps, moulds, electronic components, heat transfer application and hydraulic system.

Size: Ø X 75mm, overall length 115 mm.

Accuracy: ± 1% of rated Temperature

Packaging: 1 Box of 6 Crayons.

Thermo pen are lead and sulphur free.

Conversion: ° F = (° C X 9/5) +32

Semicon

Semi - Conducting compound

Semicon is semi conducting compound useful in preventing E.M.I. (Electromagnetic interference) Semicon can act as a conductive compound to avoid static electricity build up.

Application:

Semicon is available in brushable/sprayable consistency. Before applying the compound the surface should first be cleaned with degreasing solvent like trichloro ethylene etc. In case of epoxy moulded component the surface should be cleaned with a fine emery sheet followed by a degreasing solvent. This will enhance adhesion on surface. Semicon can now be coated on the Surface.





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Properties:

Color : Black

Viscosity : 50 CPS (Variable)

Consistency : Brushable /Sprayable

Volume Resistivity : Conductive/ Semi Conductive/ Anti-Static Ranges

Density : 1.45

Skin drying time : 15 Minutes
Full Drying Time : 45 Minutes

Adhesion : Peelable of scratch range

Application

Useful in power cable joints electric and electronic circuitry development, transformer, protective fabric and pads.

Packing:

Availble in 10ml, 100 ml, & Packing

Chromopens

Surface Temperature Indicating Crayons that change Color at predetermined Temperature.

Directions for use:

Select a Chromopen and mark it on the surface where the temperature is to be monitored .If the colour of the mark changes to that of wrapper colour then surface has reached the rated temperature. The above colour changes occur within 2 second of application. If surface color is not change occurs than the surface temperature is lower than that rated for the Chromopen.

Product advantage

· Can be used on stationary or moving parts.





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Temperature Indicating Products (Anabond)

· Marks well on smooth surfaces like glass when warm.

· Can be used by unskilled workers.

Application:

Welding: Determining of pre-heat and post heat temperature

Glass Industry: Annealing temperature, bulb temperature

Plastics: Mould temperature

Range in ° C

75 100 120 140 150 200 250 300 350 400 475

Size: Ø 7 x 77mm

Accuracy: ± 1 % of rated temperature.

Packing: One box of 12 crayons

Does not contain lead or suffer.(Chromopen are available in liquid formulations also)

Conversion ° F = (° C x 9/5) + 32

Pyronil

 $\label{eq:pyronil} \textbf{Pyronil} \ \text{is a flame proof compound. Pyronil is suitable for applying on power cables as a fire retardant coating. Pyronil is suitable for applying on power cables as a fire retardant coating. Pyronil has excellent fire resistance properties. Pyronil is highly flexible and withstand temperature up to 1000° C .$





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Temperature Indicating Products (Anabond)



Pyrodot

Self-Sticking Lables that changes color at predetermined Temperature.

AOC AOC AOC AOC 120º C 140° C 170° C 192° C

AOC AOC AOC AOC 120°C 140°C 170°C 192°C

A C A C A C A C C 120° C 140° C 170° C 192° C

Black colour indicates reaching of rated Temperature

Self Sticking Labels That Changes Color At Predetermined Temperatures. ORDERING INFORMATION FOR 4 DOT STICKERS

SI. No.	Ten	perati	ure Ra	inge	Order code
01	48	55	63	67	048
02	55	63	67	73	055
03	63	67	73	78	063
04	67	73	78	85	067
05	73	78	85	97	073
06	78	85	97	104	078
07	85	97	104	120	085
08	97	104	120	130	097
09	104	120	130	140	104
10	120	130	140	148	120
11	130	140	148	156	130
12	140	148	156	165	140
13	148	156	165	178	148
14	156	165	178	187	156
15	165	178	187	192	165

Single Temperature Stickers are also available Pyrodots are available in the following packing

SI. No.	Packing	Suffix to be added to order code		
1	Standard pack of 10 stickers	01		
2	Box containing 100 Stickers	02		
3	Carton containing 1000 Stickers	03		

Uses: 1. Electronic industry 2. Automobile industry

Forging and foundry industries