



VPL-THERMOLABEL®



TEMPERATURE INDICATING LABELS / STRIPS

VPL Thermo Label (Irreversible)

A simple, cost effective and accurate temperature measurement can be made using VPL Irreversible temperature sensing strips/labels (VP Label). Temperature strips / labels are also known as Thermo Labels, Temperature Indicator Strips, Temp. Stickers/ Labels, Thermo Strips, Temperature Sensing Labels etc.

Uses : To monitor the surface temperature of an object, the desired temperature strip should be affixed on to a surface of the object. The WHITE coloured circle to RED colour as soon as the surface of object attains the rated temperature of circle.

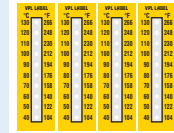
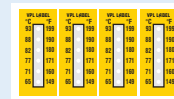
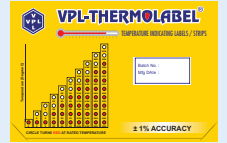
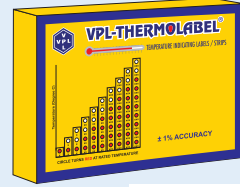
Applications :

Various applications exist for VPL Labels/Strips. However, these strips are prominently used to determine / monitor surface / operating temperature in

- High voltage switching, Wave soldering
- Overheat detection of mortar and Cable etc
- Baking, Dish washing
- Printed circuit boards, Semi-conductor cabinets
- Casting, Moulding, Rubber extruding
- Cooling water radiator, Wind tunnel
- Automotive Industries
- Monitoring Surface temperature of the components

Product Features :

- Calibrated at ±1% accuracy
- Self Adhesive
- Oil, water and steam resistant
- Irreversible colour change from White to Red
- Simple, reliable and cost effective



A: Single Step Thermo Labels

Single Steps Labels; CODE VPLAX										Size: 10 X 10 mm
										Label Type: Self Adhesive
										Packing: 100 labels
°C	38	40	45	50	55	60	65			
°F	100	104	113	122	131	140	149			
°C	70	75	80	85	90	95	100			
°F	158	167	176	185	194	203	212			
°C	105	110	115	120	125	130	135			
°F	221	230	239	248	257	266	275			
°C	140	145	150	155	160	165	170			
°F	284	293	302	311	320	329	338			
°C	175	180	185	190	195	200	205			
°F	347	356	365	374	383	392	401			
°C	210	215	220	225	230					
°F	410	419	428	437	446					



B: Two Steps Thermo Labels

CODE	Two Steps Labels (5 Deg Intervals)					Two Steps Labels (10 and 20 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLB1	40	104	45	113	110	122	115	129	120	132	180	199
VPLB2	50	122	55	131	120	125	125	137	130	146	185	203
VPLB3	60	149	65	158	130	135	135	149	140	154	190	212
VPLB4	70	176	75	185	140	145	145	160	150	166	195	212
VPLB5	80	196	85	197	150	155	155	171	160	177	200	212
VPLB6	90	194	95	203	160	165	165	182	170	187	205	212
VPLB7	100	212	105	221	170	175	175	192	180	207	210	212

Size: 22 X 16 mm
Label Type: Self Adhesive
Packing: 50 labels

C: Three Steps Thermo Labels

CODE	Three Steps Labels (5 Deg Intervals)					Three Steps Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLC1	40	104	45	113	50	122	150	155	160	172	180	199
VPLC2	55	131	65	158	75	167	170	175	180	199	190	212
VPLC3	85	196	95	203	100	212	185	190	195	212	200	212
VPLC4	105	239	110	230	115	239	200	205	210	212	210	212
VPLC5	120	248	125	257	130	266	215	220	225	230	230	239
VPLC6	135	275	140	284	145	293	419	428	437	446	446	455

Size: 28 X 16 mm
Label Type: Self Adhesive
Packing: 50 labels

D: Four Steps Thermo Labels

CODE	Four Steps Thermo Labels (5 Deg Intervals)					Four Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLD1	40	104	45	113	50	122	160	165	170	179	180	199
VPLD2	60	149	65	158	70	167	180	185	190	199	200	212
VPLD3	80	196	85	197	90	203	200	205	210	212	210	212
VPLD4	100	239	105	230	110	239	392	401	410	419	410	419
VPLD5	120	248	125	257	130	266	419	428	437	446	446	455
VPLD6	140	284	145	293	150	302	374	383	392	401	410	419

Size: 28 X 16 mm
Label Type: Self Adhesive
Packing: 30 labels

E: Five Steps Thermo Labels

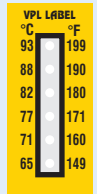
CODE	Five Steps Thermo Labels (5 Deg Intervals)					Five Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLE1	40	104	45	113	50	122	160	165	170	179	180	199
VPLE2	65	149	70	158	75	167	185	190	195	199	200	212
VPLE3	90	196	95	203	100	212	200	205	210	212	210	212
VPLE4	115	239	120	230	125	239	392	401	410	419	410	419
VPLE5	140	284	145	293	150	302	419	428	437	446	446	455
VPLE6	165	329	170	338	175	347	446	455	464	473	473	482
VPLE7	190	374	195	383	200	392	473	482	491	500	500	509

Size: 36 X 16 mm
Label Type: Self Adhesive
Packing: 30 labels

F: Six Steps Thermo Labels

CODE	Six Steps Thermo Labels (5 Deg Intervals)					Six Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLF1	40	104	45	113	50	122	160	165	170	179	180	199
VPLF2	70	158	75	167	80	176	185	194	194	203	203	212
VPLF3	100	239	105	230	110	239	248	257	257	266	266	275
VPLF4	130	266	135	275	140	284	293	302	311	320	320	329
VPLF5	160	329	165	338	170	347	356	365	374	383	383	392
VPLF6	190	374	195	383	200	392	401	410	410	419	419	428

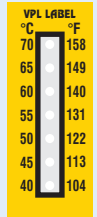
Label Type: Self Adhesive
Packing: 20 labels



G: Seven Steps Thermo Labels

CODE	Seven Steps Thermo Labels (5 Deg Intervals)					Seven Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLG1	40	104	45	113	50	122	160	165	170	179	180	199
VPLG2	75	167	80	176	85	185	194	203	212	221	221	230
VPLG3	110	239	115	230	120	239	248	257	266	275	275	284
VPLG4	145	293	150	302	155	311	320	329	338	347	347	356
VPLG5	180	347	185	356	190	365	374	383	392	401	401	410

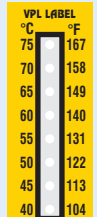
Size: 40 X 16 mm
Label Type: Self Adhesive
Packing: 20 labels



H: Eight Steps Thermo Labels

CODE	Eight Steps Thermo Labels (5 Deg Intervals)					Eight Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLH1	40	104	45	113	50	122	160	165	170	179	180	199
VPLH2	80	196	85	197	90	203	200	205	210	212	210	212
VPLH3	120	248	125	257	130	266	275	284	293	302	302	311
VPLH4	160	329	165	338	170	347	356	365	374	383	383	392
VPLH5	175	347	180	356	185	365	374	383	392	401	401	410

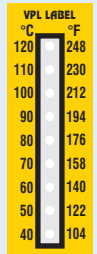
Size: 44 X 16 mm
Label Type: Self Adhesive
Packing: 20 labels



I: Nine Steps Thermo Labels

CODE	Nine Steps Thermo Labels (5 Deg Intervals)					Nine Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLI1	40	104	45	113	50	122	160	165	170	179	180	199
VPLI2	85	194	90	203	95	212	221	230	239	248	248	257
VPLI3	130	266	135	275	140	284	293	302	311	320	320	329
VPLI4	175	347	180	356	185	365	374	383	392	401	401	410

Size: 48 X 10 mm
Label Type: Self Adhesive
Packing: 20 labels



J: Ten Steps Thermo Labels

CODE	Ten Steps Thermo Labels (5 Deg Intervals)					Ten Steps Thermo Labels (10 Deg Intervals)						
	°C	°F	°C	°F	°C	°C	°F	°C	°F	°C		
VPLJ1	40	104	45	113	50	122	160	165	170	179	180	199
VPLJ2	85	194	90	203	95	212	221	230	239	248	248	257
VPLJ3	130	266	135	275	140	284	293	302	311	320	320	329
VPLJ4	175	347	180	356	185	365	374	383	392	401	401	410

Size: 16 X 10 mm
Label Type: Self Adhesive
Packing: 20 labels

