

Colour Change Thermometry

DIGITEMP THERMOMETERS

Continuous Temperature monitoring

A comprehensive system of thermometers based on proprietary formulations of liquid crystals that change colour at a designated temperature. Current temperature is displayed as a Green event.

Instant Response - Continuous Readout

No Batteries or Glass - Non Toxic

Temperature Range - -30-120°C (-22-248°F)

Accurate +/- 1°C

Self Adhesive

Custom Applications

Cost Effective

88 31

86 30

84 29

82 28

80 27

78 26

76 24

74 23

72 22

70 21

68 20

66 19

64 18

62 17

60 16

58 14

16 LEVEL

88 31

86 30

84 29

82 28

80 27

78 26

76 24

74 23

72 22

70 21

68 20

66 19

64 18

62 17

60 16

58 14

56 13

54 12

52 11

50 10

48 9

46 8

44 7

42 6

40 5

38 4

36 3

34 2

32 1

30 0

28 -1

26 -2

24 -3

22 -4

20 -5

18 -6

16 -7

14 -8

12 -9

10 -10

8 -11

6 -12

4 -13

2 -14

0 -15

-2 -16

-4 -17

-6 -18

-8 -19

-10 -20

-12 -21

-14 -22

-16 -23

-18 -24

-20 -25

-22 -26

-24 -27

-26 -28

-28 -29

-30 -30

-32 -31

-34 -32

-36 -33

-38 -34

-40 -35

-42 -36

-44 -37

-46 -38

-48 -39

-50 -40

-52 -41

-54 -42

-56 -43

-58 -44

-60 -45

-62 -46

-64 -47

-66 -48

-68 -49

-70 -50

-72 -51

-74 -52

-76 -53

-78 -54

-80 -55

-82 -56

-84 -57

-86 -58

-88 -59

-90 -60

-92 -61

-94 -62

-96 -63

-98 -64

-100 -65

-102 -66

-104 -67

-106 -68

-108 -69

-110 -70

-112 -71

-114 -72

-116 -73

-118 -74

-120 -75

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-128 -79

-130 -80

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-190 -110

-192 -111

-194 -112

-196 -113

-198 -114

-200 -115

-202 -116

-204 -117

-206 -118

-208 -119

-210 -120

-212 -121

-214 -122

-216 -123

-218 -124

-220 -125

-222 -126

-224 -127

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-230 -130

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-292 -161

-294 -162

-296 -163

-298 -164

-300 -165

-302 -166

-304 -167

-306 -168

-308 -169

-310 -170

-312 -171

-314 -172

-316 -173

-318 -174

-320 -175

-322 -176

-324 -177

-326 -178

-328 -179

-330 -180

-332 -181

-334 -182

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-366 -198

-368 -199

-370 -200

-372 -201

-374 -202

-376 -203

-378 -204

-380 -205

-382 -206

-384 -207

-386 -208

-388 -209

-390 -210

-392 -211

-394 -212

-396 -213

-398 -214

-400 -215

-402 -216

-404 -217

-406 -218

DIGITEMP LABELS

Continuous temperature monitoring

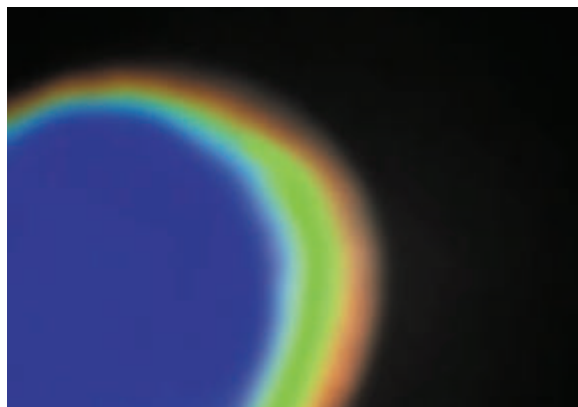
LCR the International leader in Colour Changing Temperature Indicating Technology and Graphics specializes in the micro-encapsulation of liquid crystal compounds.

Liquid crystals are chemical compounds and mixtures that exhibit the mechanical properties of liquids and the optical characteristics of solids. Liquid Crystals that change colour with changes in temperature are known as thermochromic liquid crystals (TLC's). Scientifically, they are identified as Cholesteric Liquid Crystals and Micro-encapsulation is the process that primarily protects, stabilizes and makes the liquid crystal easier to use.

Digitemp Products utilize this exciting technology (TLC's) for the measurement of temperature in a wide array of applications.

- ◆ Refrigerator / Freezer Thermometers
- ◆ Room Thermometers
- ◆ Baby Bath Thermometers
- ◆ High Temperature Indicators
- ◆ Custom and Promotional Items

Complies with the essential requirements of the relevant European health, safety and environmental protection legislation
Compliant to ISO 13485 2003E



THERMOCHROMIC SHEETS AND FILMS

Range:	Red Start		Green Start		Blue Start		Blue to Black		Bandwidth	
	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
R20C5W	20	68	21	70	25	77	41	106	5	9
R25C5W	25	77	26	79	30	86	44	111	5	9
R29C4W	29	84	30	86	33	91	50	122	4	7
R30C5W	30	86	31	88	35	95	46	115	5	9
R35C1W	35	95	35.2	95.5	36	97	49	120	1	2
R35C5W	35	95	36	97	40	104	49	120	5	9
R40C5W	40	104	41	106	45	113	52	126	5	9

Specifications:

Size: 304.8mm x 304.8mm (12" x 12")



HOT WARNING INDICATOR

Range: The word **HOT** appears in black at 70°C / 157°F

Specifications:

Size: 38mm x 16mm (1.5" x 0.63")



3 LEVEL BATH THERMOMETER

Too Cold:	25°-35°C / 77°-96°F
Ideal:	36°-38°C / 95°-100°F
Too Hot:	39°-41°C / 102°-106°F

Specifications:

Size: 40mm x 10mm (1.57" x 0.39")



HAND HOT INDICATOR

A pictorial warning. The word **HOT** lights up for:

1	YELLOW	°C	50
		°F	122
2	RED	°C	70
		°F	157

Specifications:

Type: Circular, self adhesive
Size: 37mm Dia. (1.46" Dia.)



TEMPSAFE INDICATOR

Range: The temperature and symbols appear at specified temp

Specifications:

Type: Horizontal, self adhesive
Size: 60mm x 160mm. (2.36" x 6.3)