



Thermochromic Pigment Color Changing Chart / Product List

IT: Typical temperature from full color to transparent.

DT: Typical temperature from transparent back to full color.

Item #	Color		Temp °C	NEW TEMP. INDICATION °C				Temp °F	NEW TEMP. INDICATION °F			
				IT		DT			IT		DT	
TM-PD 29-3111	RED	TM-PD 29-3111	29	26.4	30.8	25.4	20.3	84.2	79.5	87.4	77.7	68.5
TM-PD 29-3113	MAGENTA	TM-PD 29-3113	29	27.6	30.9	24.7	21.9	84.2	81.7	87.6	76.5	71.4
TM-PD 29-3121	YELLOW	TM-PD 29-3121	29	*	*	*	*	84.2				
TM-PD 29-3131	BLUE	TM-PD 29-3131	29	24.3	29.6	27.9	20.2	84.2	75.7	85.3	82.2	68.4
TM-PD 29-3132	SKY BLUE	TM-PD 29-3132	29	*	*	*	*	84.2				
TM-PD 29-3133	TURKEY BLUE	TM-PD 29-3133	29	26	30.5	28.9	22.5	84.2	78.8	86.9	84.0	72.5
TM-PD 29-3141	BLACK	TM-PD 29-3141	29	28.6	30.1	27.5	25.1	84.2	83.5	86.2	81.5	77.2
TM-PD 29-3151	ORANGE	TM-PD 29-3151	29	28	30.2	25.4	21.2	84.2	82.4	86.4	77.7	70.2
TM-PD 31-3111	RED	TM-PD 31-3111	31	28.4	31.7	25.0	21.7	87.8	83.1	89.1	77.0	71.1
TM-PD 31-3113	MAGENTA	TM-PD 31-3113	31	29.3	32.3	26.6	23.1	87.8	84.7	90.1	79.9	73.6
TM-PD 31-3121	YELLOW	TM-PD 31-3121	31	27.7	31.9	25.7	21.6	87.8	81.9	89.4	78.3	70.9
TM-PD 31-3131	BLUE	TM-PD 31-3131	31	28.0	31.6	25.4	21.7	87.8	82.4	88.9	77.7	71.1
TM-PD 31-3132	SKY BLUE	TM-PD 31-3132	31	26	32	27.1	23	87.8	78.8	89.6	80.8	73.4
TM-PD 31-3133	TURKEY BLUE	TM-PD 31-3133	31	29.6	31.8	27.0	24.0	87.8	85.3	89.2	80.6	75.2
TM-PD 31-3141	BLACK	TM-PD 31-3141	31	29.1	31.7	26.3	23.8	87.8	84.4	89.1	79.3	74.8
TM-PD 31-3151	ORANGE	TM-PD 31-3151	31	29.5	31.6	25.9	22.5	87.8	85.1	88.9	78.6	72.5
TM-PD 33-3111	RED	TM-PD 33-3111	33	29.8	33.6	26.9	23.6	91.4	85.6	92.5	80.4	74.5
TM-PD 33-3113	MAGENTA	TM-PD 33-3113	33	31	34.5	32.5	25.1	91.4	87.8	94.1	90.5	77.2
TM-PD 33-3121	YELLOW	TM-PD 33-3121	33	31.0	34.5	26.1	22.9	91.4	87.8	94.1	79.0	73.2
TM-PD 33-3131	BLUE	TM-PD 33-3131	33	30.1	33.7	26.4	24.3	91.4	86.2	92.7	79.5	75.7
TM-PD 33-3132	SKY BLUE	TM-PD 33-3132	31	26	32	27.1	23	87.8	78.8	89.6	80.8	73.4
TM-PD 33-3133	TURKEY BLUE	TM-PD 33-3133	33	32.0	34.7	27.8	24.3	91.4	89.6	94.5	82.0	75.7
TM-PD 33-3141	BLACK	TM-PD 33-3141	33	31.5	33.5	26.9	24.9	91.4	88.7	92.3	80.4	76.8
TM-PD 33-3151	ORANGE	TM-PD 33-3151	33	31.1	33.9	26.7	23.6	91.4	88.0	93.0	80.1	74.5