

reaStripe 10 protected

Our REATEC reaStripe 10 protected temperature indicators are based on a self-adhesive paper stripe, that is protected by a high-quality plastic film (lower temperatures) and a kapton film (higher temperatures). The temperature measuring points are applied to this stripe.

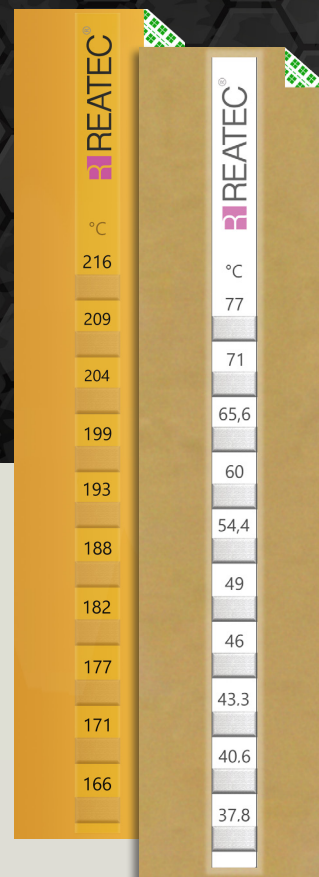
This indicator is characterized by its water and oil repellency, strength, very good thermal conductivity and flexibility, and to achieve a fast and accurate response time even within difficult environment conditions, the measuring points are covered.

Temperature measuring stripes in use:

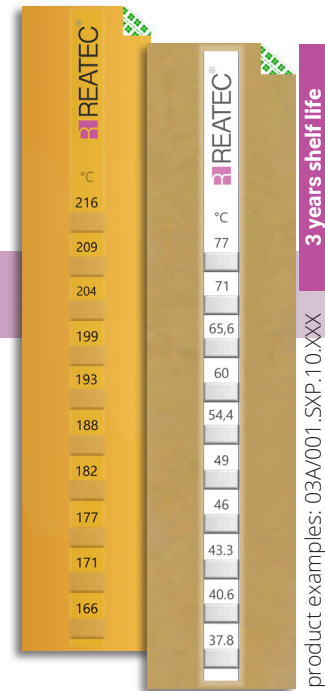
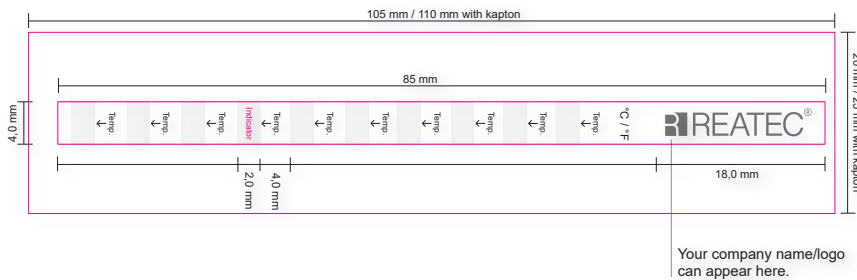
Our temperature measuring stripes are supplied as single (low temperatures) or double (higher temperatures) indicator stripes. A pack of 30 pieces corresponds to a quantity of 30 individual or 15 double indicators. They can be easily attached to the object, the temperature of which needs to be measured. Thanks to the plastic carrier, they are suitable for uneven and round objects.

On the temperature measuring stripes there is a scale with single, covered measuring points. As soon as a specified temperature is exceeded, the temperature measuring points in the respective boxes will change color within 1 to 2 seconds.

The color change is irreversible; once the temperature is exceeded, the temperature measuring points do not change back to the original color, even if the temperature drops again. Critical temperature fluctuations will be indicated even after a long time period e.g., during storage and transportation.



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product number	temperature in °C									
001.SXP.10.XXX ¹	37,8	40,6	43,3	46	49	54,4	60	65,6	71	77
01A.SXP.10.XXX	54,4	60	65,6	71	77	82	88	93	99	104
002.SXP.10.XXX	82	88	93	99	104	110	116	121	127	132
02A.SXP.10.XXX	110	116	121	127	132	138	143	149	154	160
003.SXP.10.XXX	138	143	149	154	160	166	171	177	182	188
03A.SXP.10.XXX ²	166	171	177	182	188	193	199	204	209	216
004.SXP.10.XXX ²	193	199	204	209	216	224	232	243	249	254
041.SXP.10.XXX ²	199	204	209	216	224	232	243	249	254	260
042.SXP.10.XXX ²	224	227	231	235	242	245	249	255	261	264

material	paper/kapton/plastic
measuring points	10
protected	yes
dishwasher suitable	no
accuracy	1% above 100 °C +/- 1°C below 100°C
reaction time	1-2 sec.
dimensions	20 x 105 mm 25 x 110 mm²
storage conditions	cool, dry

¹ product 001.SXP.10.XXX store in a refrigerator

² 03A - 042 protected with kapton film

- self-adhesive temperature measuring strips
- paper carrier with plastic protection film / kapton film at high temperatures
- for use in environment with harmful substances e.g., such as water, oils, greases, and solvents
- 10 measuring points per indicator
- permanent color change from gray to black when the specified indicator temperatures are exceeded
- process monitoring and cost-effective long-term monitoring on surfaces of any kind