



## Magnetic tape, curved

**SICK**  
Sensor Intelligence.



## Ordering information

Type	Part no.
Magnetic tape, curved	5344198

Other models and accessories → [www.sick.com/](http://www.sick.com/)

## Detailed technical data

### Technical specifications

<b>Accessory group</b>	Magnets
<b>Description</b>	Magnetic tape, north pole on top, self-adhesive, width = 25mm, external length = 524 mm, internal length = 511 mm, radius = 1000 mm, 30° section
<b>Maximum energy product</b>	≥ 9 kJ/m <sup>3</sup>
<b>Remanence</b>	< 220 mT
<b>Coercivity of the mag. flow density</b>	≥ 170 kA/m
<b>Coercivity of the mag. polarization</b>	≥ 280 kA/m
<b>Field line thickness via LS</b>	150 g
<b>Density</b>	3.7 g/cm <sup>3</sup>
<b>Magnetization</b>	Axial
<b>Minimum bend radius</b>	2 mm <sup>1)</sup>
<b>Ambient operating temperature max.</b>	≤ +70 °C

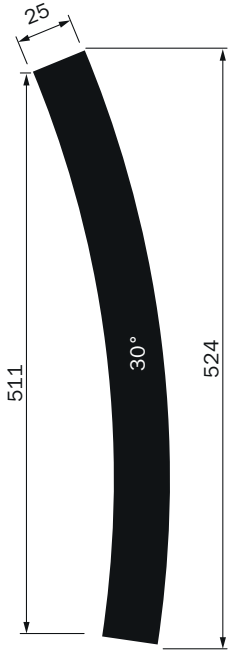
<sup>1)</sup> Vertical.

### Classifications

<b>eCl@ss 5.0</b>	27279209
<b>eCl@ss 5.1.4</b>	27279209
<b>eCl@ss 6.0</b>	27279209
<b>eCl@ss 6.2</b>	27279209
<b>eCl@ss 7.0</b>	27279209
<b>eCl@ss 8.0</b>	27279209
<b>eCl@ss 8.1</b>	27279209
<b>eCl@ss 9.0</b>	27272492
<b>eCl@ss 10.0</b>	27272492
<b>eCl@ss 11.0</b>	27272492
<b>eCl@ss 12.0</b>	27274392
<b>ETIM 5.0</b>	EC002594
<b>ETIM 6.0</b>	EC002594
<b>ETIM 7.0</b>	EC002594

<b>ETIM 8.0</b>	EC002594
<b>UNSPSC 16.0901</b>	39122245

Dimensional drawing (Dimensions in mm (inch))



## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)