



PRODUCT INFORMATION: PVC AND ABS TAPES FOR EDGES

1. APPLICATION:

Polyvinyl chloride (PVC) is currently one of the best known and most widely used synthetic materials on the market. For over 20 years this material has been used to manufacture tapes for edges. PVC tapes for edges are ideal for closing edges of all types.

2. PROPERTIES:

2.1 MECHANICAL PROPERTIES:

Hard PVC tapes for edges (without softeners) stand out for being highly resistant to blows and collisions and for their hard surface. As a result, they are not sensitive to external mechanical effects. Their resistance to scratches due to blows is designed so that they can be handled without any problems in all edgebanders using the hot-melt glue technique.

2.2 THERMAL PROPERTIES:

The softening point of PVC is about 78°C. The linear thermal expansion coefficient is 0.7-0.8mm per metre for each 10°C temperature difference.

2.3 CHEMICAL STABILITY:

PVC tapes for edges show good stability in the presence of chemical products. If necessary, we can send you a detailed summary.

2.4 RESISTANCE TO AGEING/STABILITY OF PAINT:

Tapes for PVC edges are highly resistant to ageing. Due to the good stability of paint they are ideal for indoor use.

2.5 SPECIAL APPLICATIONS:

We can provide anti-static or electrically conductive PVC edges.

2.6 BEHAVIOUR IN THE EVENT OF A FIRE:

PVC tapes for edges are not very flammable and they are self-extinguishing. Thermal decomposition takes place at around 160°C.

2.7 ENVIRONMENTAL PROPERTIES:

To dispose of them without harming the environment, the shavings produced while handling them should be collected and disposed of separately. The recycling of the material by a specialist company is preferable to their thermal (combustion) recycling.

It is important to take into account local and regional rules when disposing of them. Please speak to our team of advisers if you would like any more detailed information.

2.8 PHYSICAL PROPERTIES

PROPERTIES:	MEASUREMENT METHOD	UNIT	MEASUREMENTS
SOFTENING TEMPERATURE	DIN 53 460 METHOD B	°C	78
LINEAR THERMAL EXPANSION COEFFICIENT	VDE 0304 4 PART 1	Cm cm.K	0.8 .10 exp. (-4)
SPECIFIC CONDUCTION RESISTANCE	DIN 53 482	- cm	>10 exp.(13)
SPECIFIC RESISTANCE OF TAPES FOR EDGES CONDUCTORS OF ELECTRICITY	METHOD FOR HOME INSTALLATIONS	K	40-120

3. INSTRUCTIONS FOR USE:

3.1 USE IN EDGE BANDERS

PVC tapes for edges can be used in all edgebanders using hotmelt glue technology. They can be subject to end-milling, milling, machining with the scraper brush and subsequent machining with polishing discs and a hot air shower to achieve high quality surfaces.

3.2 PRESTRESSING:

To achieve a very tight glue join the edges are slightly prestressed, this prestressing force being a function of the thickness and width.

3.3 GLUING:

PVC tapes for edges can be used in suitable hotmelt gluers. For that, our edges are coated with primer. The thermal resistance of the gluing depends on the choice of the right hotmelt glue.

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