

## 1 Alpha-Tape® excellent – General

Alpha-Tape® excellent edge bandings are thermoplastic edgings developed for the decorative finishing of panels. They have a protective as well as a design function.

- Alpha-Tape® high gloss is a high gloss lacquered thermoplastic edging with outstanding scratch resistance
- Alpha-Tape® excellent gloss offers an absolute mirror gloss finish with superb scratch resistance
- Alpha-Tape® excellent matt impresses by an extreme low gloss level and an pronounced surface feel
- Alpha-Tape® excellent effect combines both effects perfectly in one particular edging (matt-gloss-effect)

## 2 Adhesion properties

Please refer to the technical data sheets of Alpha-Tape® ABS, PP and Alpha-Tape zero® PP for detailed information

## 3 Delivery program

### Design

<b>HG-UL</b> high gloss <b>EG-UL</b> excellent gloss <b>EM-UL</b> excellent matt <b>EE-UL</b> excellent effect	Plain colors
<b>HG-HR</b> high gloss <b>EG-HR</b> excellent gloss <b>EM-HR</b> excellent matt <b>EE-HR</b> excellent effect	Decors

Available for Alpha-Tape® ABS, PP and Alpha-Tape zero® PP

Technical data sheet

Profile type

Alpha-Tape® excellent	Width	Thickness
<b>KB</b> Edge banding	<u>12.0 - 60.0 mm</u>	<u>0.40 - 3.20 mm</u>
	<u>60.0 - 105.0 mm</u>	<u>0.40 - 2.00 mm</u>
<b>SR</b> Jumbo Roll (for slitting)	<u>405.0 mm</u>	<u>0.40 - 3.20 mm</u>

4 Limits

5 Level parallelism

6 Pre-tension

7 Longitudinal deformation

8 Color

Please refer to the technical data sheets of Alpha-Tape® ABS, PP or Alpha-Tape zero® PP for detailed information

9 Gloss <sup>1</sup>

Alpha-Tape® excellent	Gloss Scale	Limits
<u>HG-UL</u> , <u>HG-HR</u> high gloss	95°	± 5
<u>EG-UL</u> , <u>EG-HR</u> excellent gloss	95°	± 5
<u>EM-UL</u> , <u>EM-HR</u> excellent matt	3°	- 2 / +3
<u>EE-UL</u> , <u>EE-HR</u> excellent effect	--	-- <sup>2</sup>

<sup>1</sup> Measuring angle 60°

<sup>2</sup> EE: No fixing of gloss level possible

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Technical data sheet

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## 10 Processing on CNC machine center

In order to find the suitable Alpha-Tape® edging for your required radii application, please contact SSI North America. PP-edgings are highly suitable for radii due to extremely low stress whitening level. We are looking to assist you with the optimization of machine settings/parameters.

## 11 Properties

Please refer to the technical data sheets of Alpha-Tape® ABS, PP or Alpha-Tape zero® PP for details.

### Alpha-Tape® flexible: Chemical resistance deviates<sup>3</sup>

Deploying a highly flexible coating system enables particularly short radii in the field of soft forming. The scratch resistance meets the demands of MKT standard. In general, however, the mechanical properties and especially the chemical resistance should be tested regarding the specific field of application. Our experts in application technique will be happy to advise you regarding the requirements and parameters for the processing of these special Alpha-Tape® edge banding.

<sup>3</sup>Technical data sheets Alpha-Tape® ABS+PP, paragraph 11

## 12 Protection foil Black and White

Our quality Alpha-Tape® excellent surfaces are generally protected by a PE-protection foil (except Alpha-Tape® excellent effect). If there should occur any problems at processing with our current protection foils, please contact SSI North America. It is strongly recommended to remove the protection foil immediately after processing!

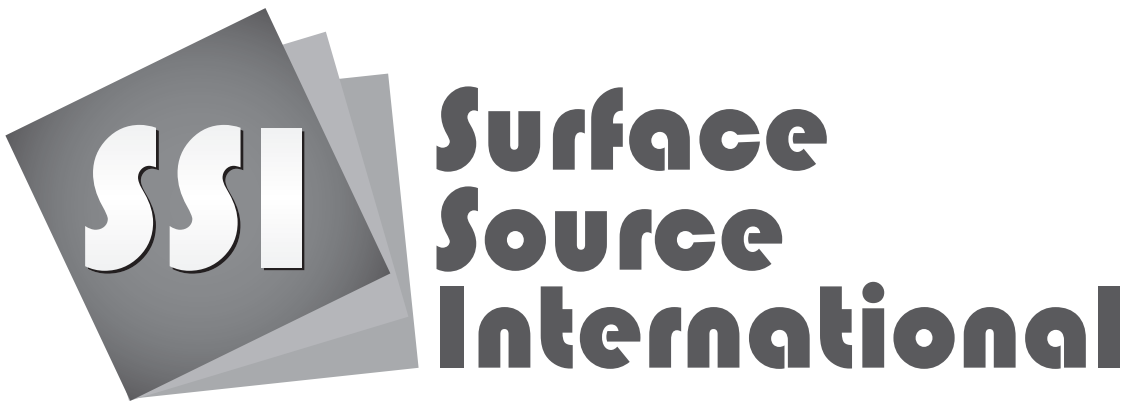
Alpha-Tape® excellent	Type of foil
<u>HG-UL</u> , <u>HG-HR</u> high gloss	Transparent + print
<u>EG-UL</u> , <u>EG-HR</u> excellent gloss	Transparent + print
<u>EM-UL</u> , <u>EM-HR</u> excellent matt	Black and White
<u>EE-UL</u> , <u>EE-HR</u> excellent effect	without film

## 13 Cleaning

## 14 Storage conditions

Please refer to the technical data sheets of Alpha-Tape® ABS, PP or Alpha-Tape zero® PP for details.

Information and advice for application, if orally, in writing or by tests, are to the best of our knowledge, however, are not binding, especially in view of possible third party trademark rights. Consultation with us does not exempt you from executing your own testing for the planned methods and purposes. Application, use and processing of our products, as well as your manufacturing of final goods following our advice are beyond our control, and thus, lie solely in your responsibility. The sale of our products is carried out according to our general commercial terms and conditions. Indicated data serve for orientation only. They do not represent any specification, nor give warranty for edge banding characteristics.



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