



Doellken-Woodtape edgebanding. Exceptional quality and unique design.

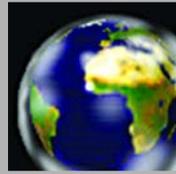
DÖLKEN
WOODTAPE

A SURTECO COMPANY



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Benefit from our experience and expertise:

- Fast and convenient supply from four distribution centers.
- Consistent product quality.
- Collaboration with leading laminate manufacturers.
- Committed employees to serve our customers.

Doellken-Woodtape edgbanding – Quality and Service throughout

North America. Doellken-Woodtape is North America’s leading supplier of polymer edgbanding to the furniture, cabinet, fixture and millwork industry. With factories and distribution centers throughout North America, and over 50 years experience, Doellken-Woodtape is uniquely suited to quickly and conveniently supply products and services to the industry. The company’s extensive extrusion technology ensures a high standard of quality.

Doellken-Woodtape is a member of the SURTECO AG Group, one of the world’s leading manufacturers of decorative surface foils and edgbanding.



Product range

Doellken-Woodtape edgebanding is available in thicknesses ranging from .018" to 5mm

to 5mm



Doellken-Woodtape edgebanding - Unique Design and Exceptional Quality. Doellken-Woodtape edgebandings add a distinctive touch to office furniture, kitchens and baths, institutional casegoods, children's furniture, store fixtures and numerous other applications. The product sets standards for quality incorporating excellent machinability, high impact resistance and durability. Doellken-Woodtape's stock edgebanding program includes **Accent Edge®** - Thick PVC and **KwikEdge™** - Thin PVC and it is the most comprehensive program in the industry. Colors and patterns are expertly matched to leading high pressure laminates, thermofused melamines and other surfacing materials. Doellken-Woodtape collaborates closely with leading machinery and adhesive manufacturers to ensure the highest levels of product performance and quality.



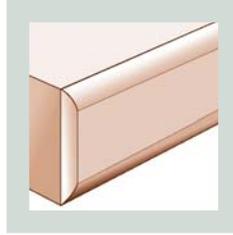


One source for all your edgework requirements:

- Edgework in rigid and flexible PVC and rigid ABS.
- Thicknesses ranging from .018" to 5mm.
- Widths ranging from 5/8" (16mm) to 2-3/16" (55mm).
- Unlimited range of colors, patterns, designs and finishes.
- Available in six different embossing and ticking options.
- Edgework to match or compliment any high pressure laminates, thermofused melamines and other surfacing materials.
- More than 650 colors available from stock.



Solid color and BiColor edgbanding



Doellken-Woodtape solid color edgbanding is a homogeneous color throughout.



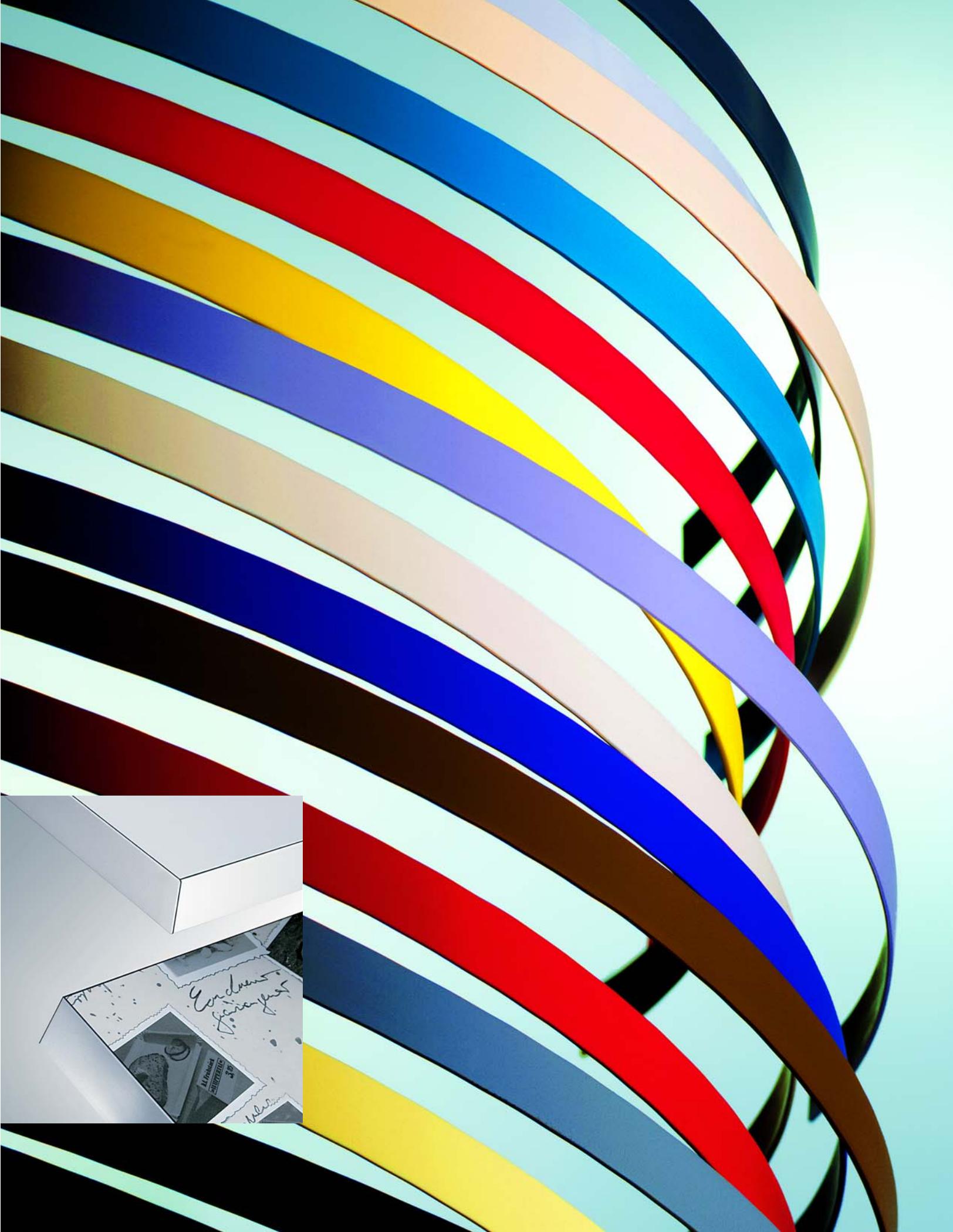
Doellken-Woodtape BiColor edgbanding consists of two different solid color layers. Any color combination is possible and the surface can also be printed.

A fascinating variety of color. Doellken-Woodtape solid color and BiColor edgbandings brighten up any environment. These decorative edgbandings help designers and architects enhance the appearance of offices, institutional casegoods and store fixtures. There are no limits to the colors that can express unique design ideas. Solid colors and any color combination of the two-layered BiColor edgbanding can be customized to specific requirements. Various gloss levels, from matte to high gloss, and several embossing and ticking options provide additional scope of design (see p. 13).

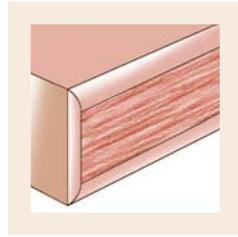


The key features of Doellken-Woodtape solid and BiColor edgbanding:

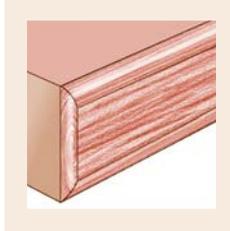
- Homogeneous solid color for perfect milled profiles.
- Scratch and impact resistant.
- Resistant to household cleaners, steam, heat and UV light.
- Produced with a slight concavity to minimize the glue line.
- High quality primer ensures a strong and permanent bond.
- Industry's most complete stock program matches over 3,000 laminates.



Woodcore® and surface printed edgebanding



Doellken-Woodtape surface printed edgebanding is homogeneous solid color edgebanding printed with a woodgrain or designer pattern. The printed surface is sealed with a topcoat for protection.



Doellken-Woodtape **Woodcore®** edgebanding is surface printed with grain color swirled through the thickness of the edgebanding. This ensures that the milled radius has a natural woodgrain appearance. The printed surface is sealed with topcoat for protection.

Unlimited freedom of design. Doellken-Woodtape surface printed edgebandings offer unlimited design opportunities for furniture and casegood manufacturers. The diversity of styles in woodgrains, **Multiplex®**, designer patterns and metallic finishes provides inspiration for countless new ideas. Doellken-Woodtape's state-of-the-art printing technology provides high fidelity and a seamless transition of color between the edgebanding and laminate surface. Doellken-Woodtape's **Woodcore®** edgebanding is surface printed with the grain color swirled throughout the thickness of the edgebanding. The woodgrain appearance is accentuated in the milled radius and 'picture frame' effects are eliminated. Doellken-Woodtape's close collaboration with leading high pressure laminate, thermofused melamine and other surfacing manufacturers ensures an up-to-date product program from stock. An unlimited range of colors, patterns, designs, embossings and tickings are available matching even the most progressive designs.

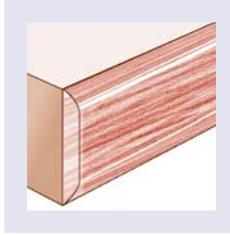


The key features of Doellken-Woodtape surface printed and Woodcore® edgebanding:

- Unique variety of surface designs through perfect state-of-the-art printing technology.
- Printed surface is sealed with UV-hardened topcoat to protect the finish.
- Elimination of 'picture frame' effect through natural woodgrain appearance throughout the edge thickness.
- Industry's most complete stock program with over 250 different woodgrains.



3D edgebanding



Doellken-Woodtape 3D edgebanding is made of transparent acrylic. The pattern is applied on the backside of the edgebanding.

A new generation of edge treatments: Doellken 3D edgebanding.

Doellken-Woodtape offers a new dimension of edgebanding, both in terms of function and aesthetic appeal. 3D edgebanding is made of a transparent acrylic, which has been printed or coated on the reverse side. When it is viewed through the crystal-clear material, the finish shows charming depth and a unique and high quality appearance. The colors and patterns that are applied to the back are fully protected by the solid acrylic layer. The edgebanding finish is retained in the milled radius and the surface can be polished to any gloss level. 3D edgebanding gives distinctive expression to design-oriented furniture for living room, bedroom, kitchen and bathroom, office, commercial as well as store fixture markets. Doellken-Woodtape offers an exciting range of metallics, popular colors, finishes and sizes from stock as well as 'made-to-order' colors and patterns.

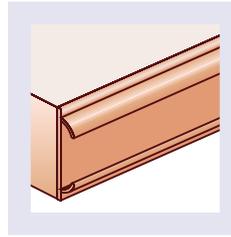


The key features of Doellken-Woodtape 3D edgebanding:

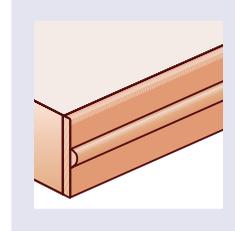
- Innovative and exclusive appearance.
- Finishes and colors are protected by a strong acrylic layer and absolutely safe from external impact.
- The printing remains fully intact, even on the milled radius and edge profile.
- Scratching or marring on the edgebanding surface may be easily polished away.
- 3D edgebanding, which is a silk-matte finish on delivery, can be polished to any desired gloss level.
- Available in popular colors and finishes from stock. 'Made-to-order' offers an unlimited range of colors and finishes.



Sealing and damping edgebanding



Edgebanding with two soft sealing lips



Edgebanding with damping ridge

Edgebandings that do more than cover the edge. Doellken-Woodtape offers a selected range of edgebanding with additional dustguarding and damping functions. The edgebanding is ideal in kitchens, baths and institutional casegoods softening the door closure and limiting the penetration of dust and dirt into cabinets and drawers. Doellken-Woodtape stocks standard sealing and damping edgebanding profiles. These specialized edgebandings may be applied on standard edgebanding equipment with slight modification required. Custom profiles may be developed.



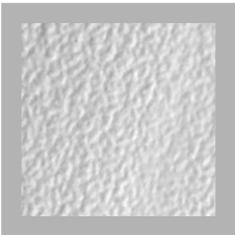
The key features of Doellken-Woodtape damping and dustguard edgebanding:

- Excellent sealing and damping properties.
- Dustguard limits the penetration of dust and dirt into the cabinet.
- Impact and scratch resistant.
- Standard profiles from stock.
- Custom development and production offered.
- Applies on standard edgebanding equipment.

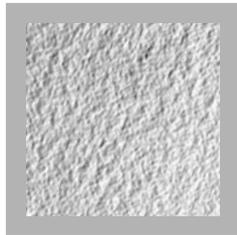
Embossing and gloss levels



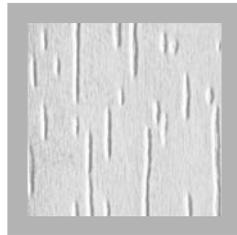
Surface design. Doellken-Woodtape edgebanding is available in a variety of embossing and ticking options, to perfectly match the surface finish of many popular laminates. In addition to smooth, six different surface finishes are available. In particular, ticking provides an almost natural-looking woodgrain effect.



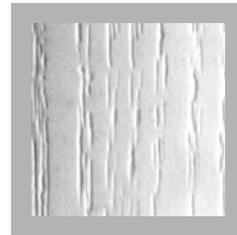
Standard 0100



Suede 0200



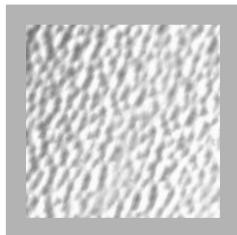
Random Tick 1200



Ashwood 1115



Satin 1192



Stone 2020



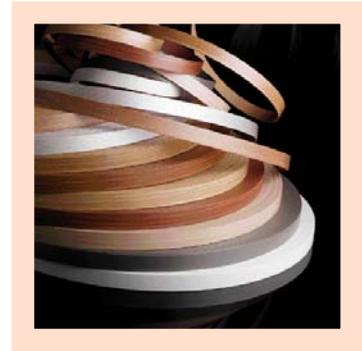
Smooth

Embossing and ticking may vary from these illustrations. Please inquire for a sample chain.

Material properties

	PVC	ABS	PMMA (3D)
Working properties			
Light-fastness for indoor applications tested in accordance with DIN 53 384c/ 53 388 (wool colour scale)	7–8	6–7	7–8
Indentation hardness tested in accordance with DIN 53 456 (N/mm ²)	120–130	100–120	140–150
Shore hardness D – tested in accordance with DIN 53 505/ISO 868	81 (± 3)	76 (± 3)	83 (± 3)
Linear thermal expansion coefficient tested in accordance with DIN 52 328 (1/K x 10 ⁻⁶)	80	100	90
Thermal dimensional stability Vicat B50 tested in accordance with DIN 53 460/ISO 306 (in °C)	80 (± 2)	98 (± 2)	97 (± 3)
Shrinkage / 1 h bei 90 °C tested in accordance with Doellken factory standard (in %)	< 1,5	< 0,3	< 0,3
Resistance to chemicals tested in accordance with DIN 68 861	very good/ LGA tested	good/ LGA tested	good/ LGA tested
Surface quality	silk matt to high gloss	silk matt to high gloss	silk matt to high gloss
Static charge	low	very low	low
Processing properties			
Capping	good	good	good
Milling direction	Same/opposite router direction	Same/opposite router direction	Same/opposite router direction
Trimming	good	good	good
Contour milling	good	good	good
Copy milling	good	good	good
Scraping	good	good	good
Buffing	good	good	good
Gluing radii	good	good	good
Gluing with hot-melt adhesive	All standard edge gluing adhesives may be used (EVA, PUR, PA)		
Polishing properties	good	good	very good
Susceptibility to stresswhitening	very low	low	low
Varnishing properties	good (acrylic/PUR laquer)	good (acrylic/PUR laquer)	/
BAZ machining properties	very good	good	satisfactory
Disposal properties	May be disposed with general waste	Edgeband leftovers can be incinerated with the shavings in suitable plants	Edgeband leftovers can be incinerated with the shavings in suitable plants
Physiological properties	Not harmful to general health		

Stock program



The industry's leading edgebanding program. With distribution centers throughout North America and in partnership with a network of distributors, Doellken-Woodtape offers the most complete stock edgebanding program. A wide offering of **Accent Edge®** – Thick PVC and **KwikEdge™** – Thin PVC products match over 3,000 different high pressure laminates, thermofused melamines and other surfacing options. An industry leading PVC Cross Reference and Product Guide is regularly updated and offered to the industry. Doellken-Woodtape's stock program also includes popular 3D-edgebanding, sealing and damping edgebanding, veneer and paper laminate edgebanding as well as **Dorus®** high quality hotmelt adhesives. The entire program and the latest updates are also accessible on Doellken-Woodtape's website: www.doellken-woodtape.com.



The key features of Doellken-Woodtape stock program:

- Edgebanding offering matches 3,000 different laminates from high pressure laminate, thermofused melamine and other surface product manufacturers.
- Available in single rolls.
- Thicknesses from .018" to 3mm
Widths from 5/8" – 1-3/4"
- 3D-edgebandings, sealing and damping edgebandings, veneer and paper laminate edgebandings as well as **Dorus®** hotmelt adhesives are also available.

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Would you like to find out more about Doellken-Woodtape edgebanding products? Please contact us by phone, fax or E-mail. Additional

information about Doellken-Woodtape's product offering is available at

www.doellken-woodtape.com

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