



PRODUCT SHEET

EDGE BANDING

May 2025



Never give up

Technical specifications

PRODUCT DESCRIPTION

Edge bandings are thermoplastic edges of **high quality** which come from an extrusion process of the Acrylonitrile Butadiene Styrene.

They have **good internal colour stability**, withstand high mechanical forces, **meet the strictest quality and ecological standards**, are **harmless to human health** and do not contain heavy metals or phthalates.

They have a **protective and decorative function** for the edges of furniture panels.

APPLICATION

Edge bandings are suitable for **all types of furniture**: office and bathroom furnishings, kitchen worktops, accessories, raised floors, doors.

TECHNICAL FEATURES

Width	From 16 to 800 millimetres
Diameter	450 millimetres (outside) from 150 to 200 millimetres (inside)
Length	100 or 200 linear meters length rolls
Thickness	From 0.35 to 3 millimetres
Colour	Endless possibilities to match any item (single colour or printed design)
Finish	Smooth or textured
Protective top coating	Protective coating to improve scratch resistance of the surface - on request
Gloss level	Surface lacquering from 5 or 90 gloss - on request

PHYSICAL AND CHEMICAL CHARACTERISTICS

State	Solid
Smell	None
Decomposition temperature	About 250°C
Softening point	104°C (Vicat B 50)
Density	About 1.00 – 1.35 g/cm ³

TOLERANCES

Width tolerances	± 0.5 mm
Thickness tolerances	± 5%
Colour evaluation in the light box under day light	D65 – daylight light source
Colour tolerances for solid colours	Delta E = 1.5
Colour tolerances for printed colours	Sample approved by the customer

ADHESION PROPERTIES

Edge bandings are coated on the reverse side with a primer which, in combination with a suitable adhesive (based on EVA, PUR, PO), provides adhesion to the board.

Machine gluing using laser, hot air or infrared heating or manual gluing with hot air nozzle or contact adhesives.

Moisture level of the edgings and boards should be between 8 – 15%.

Temperature of the boards, edgings and environment during gluing: min. 15°C, this is to avoid any damage to the material which would affect the strength of the joint, therefore the board and edge must be heated slowly.

VARIANTS

Soft variant is available on request for door handles and tight radius jobs.

Cleaning, storage, disposal

CLEANING

To clean ABS edge bandings, use a wood cleaner or Monguzzi Universal Cleaner PMU.

To clean the surface of ABS edge bandings, we recommend standard household cleaners or alcohol (do not use cleaners containing acetone or ethyl butyl acetate).

STORAGE, PROTECTION AND PACKAGING

Store in appropriate conditions - temperatures between 15 - 25°C, relative humidity 55% - 60%, in closed packaging, away from direct sunlight.

For ABS edge bandings older than 12 months from the date of delivery, we strongly recommend an application test.

DISPOSAL

ABS edge bandings can be disposed according to the regulation of each Country – e.g. incinerated or landfilled.

Please note

The information in this product sheet is given to the best of our knowledge, but is not binding, especially with regard to possible third party intellectual property rights.

Monguzzi strongly recommends that all customers carry out their own tests on ABS edge bandings for the intended methods and applications.

The data given are for guidance only and do not constitute a specification or guarantee of the properties of the edge banding. We reserve the right to change or update the information in this product sheet at any time.



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