



Product Sheet ABS Self-Adhesive Screw Covers

ABS self-adhesive screw covers are produced using a thermal and mechanically stable thermoplastic - ABS (Acrylonitrile-Butadiene-Styrene). Exhibiting superb interior colour stability, while withstanding high mechanical forces. Fulfilling stringent qualitative and ecological standards; harmless towards human health by containing no heavy metals or phthalates.

Protective Top Coating:

ABS self-adhesive screw covers are coated with a protective layer encompassing different gloss levels to improve the scratch resistance of the surface.

ABS Self-Adhesive Screw Covers - Parameters:

Thickness Tolerances

Thickness in mm	Tolerance	
0,45 - 1 mm	- 0,15 mm	+ 0,10 mm

Qualitative Characteristics

Properties	Values	Standard
Light Fastness	≥ 5	ČSN EN ISO 4892-2
Softening Point (Vicat B 50)	~ 95 °C	ČSN EN ISO 306
Shrinkage	< 1 % at 85 °C for 1 hour	Internal Test Method
Hardness (Shore type D)	~ 73	ČSN EN ISO 868
Chemical Resistance*	1 B	Din 68861-1

* exception of acetone and ethyl-butyl-acetate

Surface Finish - Top Coat

Structure	Surface Pattern	Tolerance
Coated Surface: 6° - 30° of Gloss	smooth, wooden pore, pearl	± 5°
Coated Surface: 30° - 60° of Gloss	smooth	± 10°
Coated Surface: 90° of Gloss	smooth	± 10°

Colour Tolerances

Visual comparison with reference sample under the following conditions.

- ✓ Evaluation in the light box under day light (D65 – daylight light source)
- ✓ Reference and produced samples are placed at the distance of 2-3 cm to each other.
- ✓ The angle between the control sample and the table is 75 ° with the evaluator facing from the front and evaluating the samples from a distance of about 70 cm.
- ✓ It is recommended (due to possible metamerism effect) to evaluate the sample under different light sources (D65 – daylight, A – bulb light, F11 – fluorescent light).

Application:

ABS self-adhesive screw covers are suitable for all types of furniture, including areas with high potential of wear. ABS self-adhesive screw covers are specified for interior application.

Surface Defects:

Potential surface defects of ABS natural finish edgings are evaluated under daylight from the distance of 70cm (potential defects should not affect visual appearance of the surface from this distance). Surface defects can be classified like: black specs, dots, lumps, dents, cracks, waves, colour changes, gloss level changes, printing defects, etc.

Cleaning:

For cleaning of ABS screw covers from glue residues we recommend special cleaning agents based on hydrocarbons and alcohol (free of aromatic substances and solvents). We recommend cleaning agents Hraniclean 01 and RI408 for manual cleaning and RI006 LP 163/93 for machine application.

For cleaning of surfaces of ABS plain colour edgings, we recommend standard household cleaners or alcohol (do not use cleaners containing acetone or ethyl-butyl-acetate).

Storage Conditions:

Store under appropriate conditions – temperatures between 15 - 25°C, relative humidity 55 - 60%, in closed packaging to protect against direct sunlight. We strongly recommend making an application trial for the ABS natural finish edgings older than 12 months after delivery date.

Disposal:

ABS natural finish edgings and boards covered with ABS natural finish edgings can be disposed according to the regulation of each country – e.g. incinerated or landfilled.