



CHAIRMAT™

POWERFUL PROTECTION

Chairmat™ Classic

Chairmat™ Classic from Arla Plast AB is a protective polycarbonate mat for use on any hard floor or carpet. So transparent that it's nearly invisible, Chairmat lets you enjoy the room's decorative and pile surfaces yet protects surfaces from excess wear for years to come.

Made of durable polycarbonate with extremely high impact strength, Chairmat is virtually unbreakable. Chairmat's thingauge polycarbonate enables production of protective mats that are more lightweight and transparent than comparable materials and therefore more aesthetically pleasing.

Chairmat Classic is part of the Chairmat range of protective polycarbonate mats that includes Chairmat Color and Chairmat Special. Chairmat is brought to you by Arla Plast, one of Europe's leading polycarbonate sheet extruders with more than 20 years of experience in manufacturing hard floor and carpet protectors.

Why use Chairmat?

CH35F



SPECIAL ANTI-SLIP FOIL

for hard floors and low pile carpets

CH35F combines an attractive finely textured, scratch-resistant top surface with an underside laminated with PUR foil for high surface friction to ensure that Chairmat remains securely in place. Ideal for use on low to very low pile carpets and all types of hard floors, including hardwood, this protective mat is available in a standard thickness of 1.8 mm and a special thickness of 1.7 mm.

CH40S



SPECIAL GRIPPERS ON BACKSIDE

for medium and high pile carpets

The finely structured decorative top surface of CH40S provides improved scratch resistance while the bottom surface with 3-mm grippers holds Chairmat firmly in position. Suitable for use on medium and high pile carpets, this protective mat is available in a standard thickness of 2.3 mm and special thicknesses of 2.0 mm and 2.6 mm.



ENVIRONMENTALLY FRIENDLY

- Contains no solvents.
- 100% recyclable.
- 100% PVC free (no vinyl).
- Odor-free and safe for children.
- Does not cause allergic reactions.



HEAT RESISTANT

- Tolerates temperatures up to 125-140°C.
- Won't deform on heated floors.
- Ideal for use under barbeque grills.



RIGID AND DURABLE

- Won't break or deform.
- Sturdy, thin almost invisible protection.
- Easy to roll on and off.

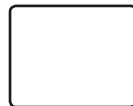
Standard sizes Chairmat™



120 x 90 cm



120 x 100 cm



120 x 150 cm



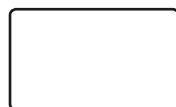
120 x 120 cm



120 x 183 cm



120 x 134 cm



120 x 200 cm

Other sizes on request.



Applications

Chairmat offers quality surface protection for both commercial and residential use in areas such as office buildings, home offices, dining areas and vending machine areas.

Material properties

GENERAL POLYCARBONATE PROPERTIES

| | | |
|---------|------------------------|----------|
| Density | 1.20 g/cm ³ | ISO 1183 |
|---------|------------------------|----------|

OPTICAL PROPERTIES

| | | |
|----------------------------|-----|------------|
| Light transmission | 88% | ASTM D1003 |
| - Smartmatt CH35F (1.8 mm) | | |
| - Smartmatt CH40S (2.3 mm) | | |

MECHANICAL PROPERTIES

| | | |
|--------------------------------------|---------------------------|------------|
| Tensile strength at yield (at break) | 63 (70) N/mm ² | ISO 527 |
| Elongation at yield (at break) | 6 (110)% | ISO 527 |
| Elastic modulus | 2300 N/mm ² | ISO 527 |
| Rockwell hardness | M70 | ISO 2039-2 |

THERMAL PROPERTIES

| | | |
|-----------------------------------|-------|--------|
| Heat deflection temperature (HDT) | | ISO 75 |
| - A (1.80 N/mm ²) | 132°C | |
| - B (0.45 N/mm ²) | 142°C | |

| | | |
|-------------------|-------|---------|
| VICAT temperature | | ISO 306 |
| - VST/B 120 | 149°C | |
| - VST/B 50 | 148°C | |

Data listed above is based upon past experience and given in good faith. All data is subject to change without notice. Because many material properties are influenced by factors beyond our control, Arla Plast AB do not provide any express or implied, written or oral warranties with regard to this data.

Chairmat™ Color

Chairmat™ Color from Arla Plast AB is a protective polycarbonate mat for use on any hard floor or carpet.

Made of durable polycarbonate with extremely high impact strength, Chairmat is virtually unbreakable.

Decorative colors complement most living and work spaces. Several Chairmat colors make it easy to choose a mat that suits your personal style.



CH35F



**SPECIAL ANTI-SLIP
FOIL**



**ENVIRONMENTALLY
FRIENDLY**



HEAT RESISTANT



RIGID AND DURABLE



**EXTENSIVE
COLOUR RANGE**

Material properties

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STANDARD CHAIRMAT™ SIZES

| |
|-------------|
| 120 X 90 cm |
|-------------|

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