

A person wearing a red shirt and white pants is sitting in a black office chair with a chrome base. The chair is on a light-colored wooden floor. A clear, rectangular protective mat is placed under the chair's base. The person is wearing a black watch on their left wrist. The text 'CHAIRMAT™' is overlaid on the image in a white box.

**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 thin gauge 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 Colour 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 BACKING**  
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 all types of hard floors but can also be used on low to very low pile carpets. 35F protective mat is available in the standard thicknesses 1,5 and 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 and thin.  
Almost invisible.  
Easy to roll on and off.

# Standard sizes Chairmat™



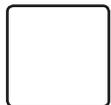
120 x 90 cm



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 <sup>3</sup>	ISO 1183
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## OPTICAL PROPERTIES

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

## MECHANICAL PROPERTIES

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

## THERMAL PROPERTIES

Heat deflection temperature (HDT)		ISO 75
- A (1.80 N/mm <sup>2</sup> )	132°C	
- B (0.45 N/mm <sup>2</sup> )	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™ Colour

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



Chairmat Colour is part of the Chairmat range of protective polycarbonate mats that includes Chairmat Classic 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.

CH35F



**SPECIAL ANTI-SLIP  
FOIL**



**ENVIRONMENTALLY  
FRIENDLY**



**HEAT RESISTANT**



**RIGID AND DURABLE**



**EXTENSIVE  
COLOUR RANGE**

## Material properties

### GENERAL POLYCARBONATE PROPERTIES

Density 1.20 g/cm<sup>3</sup> ISO 1183

### MECHANICAL PROPERTIES

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

### THERMAL PROPERTIES

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

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

**STANDARD CHAIRMAT™ SIZES** 120 X 90 cm

Other sizes are available upon request.

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