

<b>Material:</b>	<b>PLEXIGLAS® Optical hard coated 0A000 HC</b>
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**Overview:**

PLEXIGLAS® Optical Hard Coated 0A000 HC is an extruded acrylic sheet known for its outstanding optical clarity and durability. Featuring a specialized hard coating, this material is designed to resist abrasion and chemical damage, making it ideal for demanding applications, where the material is subjected to heavy use and cleaning.

**Description:**

**Key Features:**

- **High Light Transmission:** The sheet boasts a light transmission of up to 92%, ensuring excellent visibility and clarity?
- **Durability:** With a hard-coated surface, PLEXIGLAS® Optical HC is highly resistant to scratches and chemicals, outperforming standard acrylic sheets?
- **Temperature Resistance:** This material is capable of withstanding temperatures up to approximately 70°C (158°F), suitable for various environments?
- **UV Protection:** The optical sheet is UV absorbent, which helps prevent yellowing and degradation over time, ensuring long-lasting performance?

**Applications:** PLEXIGLAS® Optical HC is well-suited for a range of uses, including:

- Electronic displays
- Industrial glazing
- Signage
- Furniture and wall paneling
- Picture glazing and display cases?

**Processing:** The material can be processed similarly to standard PLEXIGLAS®, but care should be taken with edge finishing. Mechanical cleaning methods should be avoided to prevent scratches on the coated surface?

**Parameters:**

Characteristics	Units	Value	Test Method
Series		Plexiglass	
Thickness	mm	4	
Color		Clear	
Light Transmission	%	92	ISO 13468-2
Tensile strength	MPa	67,5	ISO 527

Impact strength	kJ/m <sup>2</sup>	10	
Pencil hardness	H	5	DIN EN 13523-4
Type		Extruded	

**Warranty:****Technical data**

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