



LENS/FILTERS FOR BEZEL ASSEMBLY

PRD Products uses only LEXAN HP® XXS graphic film. This high-performance coated film offers outstanding chemical/abrasion resistance, together with unique processing characteristics made especially for PRD Products. This highly durable, easily printed film creates new opportunities with excellent benefits:

- Flexible and forgiving UV processing
- Multiple topside selective texturing
- Colored topside texturing
- Extreme durability of coating and texture adhesion when exposed to strong house hold chemicals such as Wisk or Formula 409
- Excellent appearance

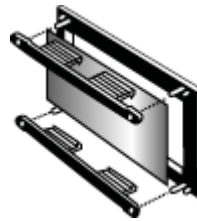
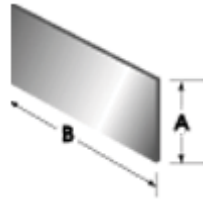
The color acrylic filters have a special non-glare surface to make viewing easier. Standard colors are red and clear for LED and LCD displays although any color is available on special order.



PROPERTY	TEST METHOD	UNITS	VALUE		
			HP92S	HP40S	HP12S
PHYSICAL					
Special Gravity	ASTM D792	---	1.20	1.20	1.20
Area Factor	Calculation	ft / lb / mil	160	160	160
Haze	ASTM D1003	%	<0.5	23	160
Light Transmission (Average)	ASTM D1003	%	92	91	90
Yellowness index	ASTM D1925	---	0.8	0.9	1.2
Water Absorption, Equilibrium	ASTM D570	%	40	40	40
Resistance to Humidity, 72 Hrs @ 100°F, 100% RH	GE Test	---	*	*	*
Gloss-Backpainted, Flat Black	ASTMD D523	Gardner			
@ 60°			92	40	12
@ 85°			---	---	45
@ 20°			84	---	---
Pencil Hardness	ASTM D3363	Eagle Turquoise	2H	2H	2H
MECHANICAL					
Tensile Strength	ASTM D882	psi			
@ Yield			8,500	8,500	8,500
Ultimize			8,800	8,800	8,800
Tear Strength Initiation	ASTM D1004	lb / mil	1.4	1.4	1.4
Propagation	ASTM D1922	g / mil	30	30	30
THERMAL					
Heat Aging @ 168 Hrs. 180°F	GE Test	---	**	**	**

**No visible change

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LENS/FILTER DIMENSIONS	
A	B
.870	1.870
.870	2.570
.870	3.670

NEW! Lo-Profile Polycarbonite Non-Removable Lens (requires adhesive strips)

Polycarbonite Lens shown with Snap-Fit Bezels and Plastic Clip Bars

DESCRIPTION

MNFG. PRT#

SNAP-FIT

FOR USE W/LCD's

Clear Lens for 1.8" Bezel
 Clear Lens for 2.5" Bezel
 Clear Lens for 3.6" Bezel

6201010
 6202010
 6203010

FOR USE W/ LED's

Smoke Lens for 1.8" Bezel
 Smoke Lens for 2.5" Bezel
 Smoke Lens for 3.6" Bezel
 Red Lens for 1.8" Bezel
 Red Lens for 2.5" Bezel
 Red Lens for 3.6" Bezel
 Green Lens for 1.8" Bezel
 Green Lens for 2.5" Bezel
 Green Lens for 3.6" Bezel

6201020
 6202020
 6203020
 6201030
 6202030
 6203030
 6201040
 6202040
 6203040

MASKED LENSES

1.0" x .875" Window for 1.8"
 2.4" x .630" Window for 2.5"
 2.575" x .543" Window for 2.5"
 3.268" x .732" Window for 3.6"
 3.675" x .622" Window for 3.6"

6201050
 6202050
 6202060
 6203050
 6203060

LO-PROFILE FOR LED's*

1.8" Bezel with Smoke Lens
 1.8" Bezel with Red Lens
 1.8" Bezel with Green Lens
 2.5" Bezel with Smoke Lens
 2.5" Bezel with Red Lens
 2.5" Bezel with Green Lens
 3.6" Bezel with Smoke Lens
 3.6" Bezel with Red Lens
 3.6" Bezel with Green Lens

6301040
 6301050
 6301060
 6302040
 6302050
 6302060
 6303040
 6303050
 6303060

ACCESSORIES

Adhesive Strips 2/pad

6000010

* Requires Adhesive Strips (recommended 2 pads for the 3.6" Bezel).

- [Proud's Home Page](#)
- [Plastic Bezels and Custom Plastic Molded Parts](#)
- [Lens and Filters for Bezel Assembly](#)
- [Electronic Manufactures' Line Card](#)
- [Electromagnetic Spectrum Reference Chart](#)
- [Belmont Rose Granite, Inc.](#)