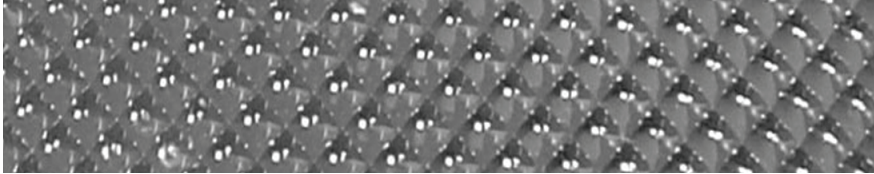
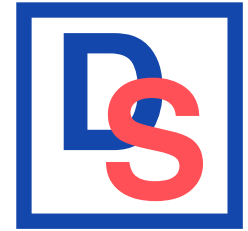


Diffuser Specialist

Patterned Sheet P/49 Conical 3/16



General Description

Diffuser Specialist prismatic sheet products are available in acrylic and polycarbonate in a variety of patterns and thicknesses.

The superior quality of our prismatic sheet can be used in a variety of lighting applications. Available in standard and custom sizes in both carton and pallet packaging.

Prismatic sheets are available with a conductive grid which shields electromagnetic interference (EMI/RFI) and complies with the requirements of MIL-STD-461 (E). Please inquire on this option.

P12 pattern: 3/16" base, female, conical prism

P35 pattern: 3/8" base, female, conical prism

P49 pattern: 3/16" base, male, conical prism

ALP23 pattern: 3/8" base, female conical circular base prisms

ALP41 pattern: 3/8" base, security prismatic lens

Application

Diffuser Specialist prismatic sheet products are suitable for thermoforming, custom components, and as a diffuser lighting component.

Ordering Information

Please call 1.800.880.5483 for price and delivery. Specify dimensions when placing an order.

Notice

Diffuser Specialist assumes no responsibility for suitability of luminaires and applications. The use of lenses near and above 70°C temperatures with high UV output light sources will cause degradation of the material.

Prismatic Sheet

Materials:

Acrylic
HID acrylic
Hi-impact acrylic
Polycarbonate

Patterns:

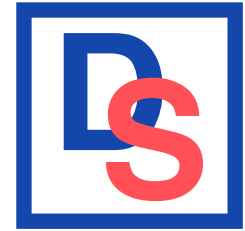
P12
P35
P49
ALP23
ALP41

RFI Shielding Available

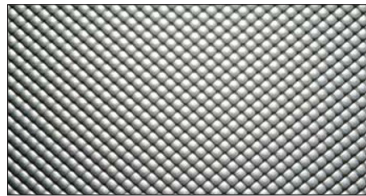
Tinting Available

Diffuser Specialist

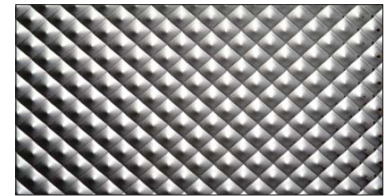
Patterned Sheet P/49 Conical 3/16



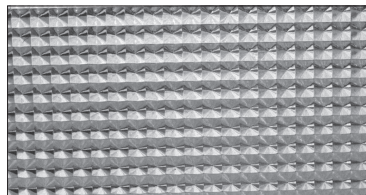
Pattern	Polymer	LT%	Thickness
P12 Prismatic			
P12 AC	Acrylic	93%	.110
			.118
			.135
			.187
P12 AC 100	Acrylic	90%	.100
P12 AC 125	Acrylic	80%	.125
P12 IC HI-50	Acrylic 33% DR	93%	.100
			.125
			.140
			.187
P12 AW	Acrylic White	70%	.135
P12 HC	HID Acrylic	93%	.125
P12 PC	Polycarbonate	93%	.100
			.110
			.118
			.125
			.135
			.187
P35 Prismatic			
P35 AC	Acrylic	93%	.200
P35 HC	HID Acrylic	93%	.200
P49 Prismatic			
P49 AC	Acrylic	93%	.150
			.187
P49 HC	HID Acrylic	93%	.150
			.187
ALP-23 Conical Circular Prismatic			
ALP23 -CA	Acrylic	72%	.100
			.125
ALP-41 Security Lens			
ALP-41	Acrylic/	93%	.375



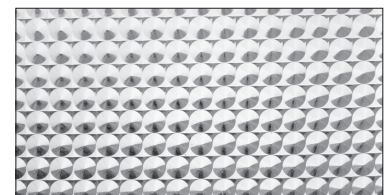
P12 Pattern



P35 Pattern



P49 Pattern



ALP23 Pattern

PLEASE INQUIRE FOR ADDITIONAL OFFERINGS

Materials

Diffuser Specialist Components uses a variety of materials in the production of sheet, profiles, formed and molded parts. Please be aware that Diffuser Specialist does not provide material certifications unless requested by the customer prior to quoting. Our standard manufacturing practice may include the use of reclaimed materials exceeding 25%.

Please visit our web site for the most current material specifications.