

## POLACOAT® DA-PLEX

### Multi-Purpose Rear Projection Diffusion Screen



- Diffusion coatings are available for all types of applications with any size screen and a wide range of viewing angles.
- Diffusion coating is permanently bonded to the substrate and cannot peel off like laminated film or vinyl based rear projection screens.
- Factory framing options are offered: Base Frame (on 1/4" thick panels only), Standard Frame (on panels up to 3/8" thick), Deluxe Frame and Self-trimming Frame.
- Acrylic base for breakage resistance, lightweight, high optical quality, ease of handling and superior transmission.

**Available Diffusion Coatings:** DA-100, DA-130, DA-150, DA-180, DA-230, Video Vision, DA-50 WA, DA-75 WA and DA-100 WA.

See page 9 for optical coating descriptions.

#### 4:3 VIDEO FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
36" x 48"	91 x 122	60"	152	1/4"	0.635
40 1/4" x 53 3/4"	102 x 137	67"	170	1/4"	0.635
43 1/4" x 57 3/4"	110 x 147	72"	183	1/4"	0.635
50 1/2" x 67 1/4"	128 x 171	84"	213	1/4"	0.635
57 3/4" x 77"	147 x 196	96"	244	1/4"	0.635
60" x 80"	152 x 203	100"	254	1/4"	0.635
72" x 96"	183 x 244	120"	305	3/8"	0.95
81" x 108"	206 x 274	135"	343	3/8"	0.95
90" x 120"	229 x 305	150"	381	3/8"	0.95
99" x 132"	251 x 335	165"	419	3/8"	0.95
108" x 144"	274 x 366	180"	457	1/2"	1.27

#### 16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
40 1/2" x 72"	103 x 183	82"	208	1/4"	0.635
45" x 80"	114 x 203	92"	234	1/4"	0.635
52" x 92"	132 x 234	106"	269	1/4"	0.635
58" x 104"	147 x 366	119"	302	3/8"	0.95
65" x 116"	165 x 295	133"	338	3/8"	0.95
78" x 139"	198 x 353	159"	404	3/8"	0.95
94 1/2" x 168"	240 x 427	193"	490	3/8"	0.95

#### 16:10 WIDE FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
50" x 80"	127 x 203	94"	239	1/4"	0.635
57 1/2" x 92"	146 x 234	109"	277	1/4"	0.635
60" x 96"	152 x 244	113"	287	3/8"	0.95
65" x 104"	165 x 264	123"	312	3/8"	0.95
69" x 110"	175 x 279	130"	330	3/8"	0.95
72 1/2" x 116"	184 x 295	137"	348	3/8"	0.95
87" x 139"	221 x 353	164"	417	3/8"	0.95

#### SQUARE FORMAT DIMENSIONS

Viewing Area H x W		Thickness	
in.	cm	in.	cm
50" x 50"	127 x 127	1/4"	0.635
60" x 60"	152 x 152	1/4"	0.635
70" x 70"	178 x 178	1/4"	0.635
84" x 84"	213 x 213	3/8"	0.95
96" x 96"	244 x 244	3/8"	0.95
96" x 120"	244 x 305	3/8"	0.95
108" x 108"	274 x 274	1/2"	1.27

## POLACOAT® DA-GLAS

### 4:3 VIDEO FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
36" x 48"	91 x 122	60"	152	1/4"	0.635
40 1/4" x 53 3/4"	102 x 137	67"	170	1/4"	0.635
43 1/4" x 57 3/4"	110 x 147	72"	183	1/4"	0.635
50 1/2" x 67 1/4"	128 x 171	84"	213	1/4"	0.635
57 3/4" x 77"	147 x 196	96"	244	1/4"	0.635
60" x 80"	152 x 203	100"	254	1/4"	0.635
72" x 96"	183 x 244	120"	305	3/8"	0.95
81" x 108"	206 x 274	135"	343	3/8"	0.95
90" x 120"	229 x 305	150"	381	3/8"	0.95
99" x 132"	251 x 335	165"	419	3/8"	0.95
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### 16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
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45" x 80"	114 x 203	92"	234	1/4"	0.635
52" x 92"	132 x 234	106"	269	1/4"	0.635
58" x 104"	147 x 366	119"	302	3/8"	0.95
65" x 116"	165 x 295	133"	338	3/8"	0.95
78" x 139"	198 x 353	159"	404	3/8"	0.95
94 1/2" x 168"	240 x 427	193"	490	3/8"	0.95

### 16:10 WIDE FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Thickness	
in.	cm	in.	cm	in.	cm
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57 1/2" x 92"	146 x 234	109"	277	1/4"	0.635
60" x 96"	152 x 244	113"	287	3/8"	0.95
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### SQUARE FORMAT DIMENSIONS

Viewing Area H x W		Thickness	
in.	cm	in.	cm
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70" x 70"	178 x 178	1/4"	0.635
84" x 84"	213 x 213	3/8"	0.95
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96" x 120"	244 x 305	3/8"	0.95
108" x 108"	274 x 274	1/2"	1.27
120" x 120"	305 x 305	1/2"	1.27

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- Diffusion coatings are available for all types of applications with any size screen and a wide range of viewing angles.
- Diffusion coating is permanently bonded to the substrate and cannot peel off like laminated film or vinyl based rear projection screens.
- Factory framing options are offered: Base Frame (on 1/4" thick panels only), Standard Frame (on panels up to 3/8" thick), Deluxe Frame and Self-trimming Frame.
- Glass provides flat, rigid base for long service life, maximum sound isolation and strength.

**Available Diffusion Coatings:** DA-100, DA-130, DA-150, DA-180, DA-230, Video Vision, DA-50 WA, DA-75 WA and DA-100 WA.

See page 9 for optical coating descriptions.