

EX-Cel[®] PRO

Free foamed PVC sheets made specifically for digital printing applications. Supplied either one side or two sides masked to protect the surface from contaminants.

FEATURES AND BENEFITS:

- ✦ Closed cel structure
- ✦ Designed specifically for digital flatbed printers
- ✦ Excellent results on many of today's high-end flatbed UV printers.
- ✦ Vibrant White color for outstanding color retention and reproduction for spectacular results
- ✦ Protective masking on one side to keep the print surface clear of dirt, oil, fingerprints, etc. (Available on both sides as a special order)
- ✦ Excellent ink adhesion due to superior surface texture
- ✦ UV stable during the curing process. Will not yellow under intense UV light cure.

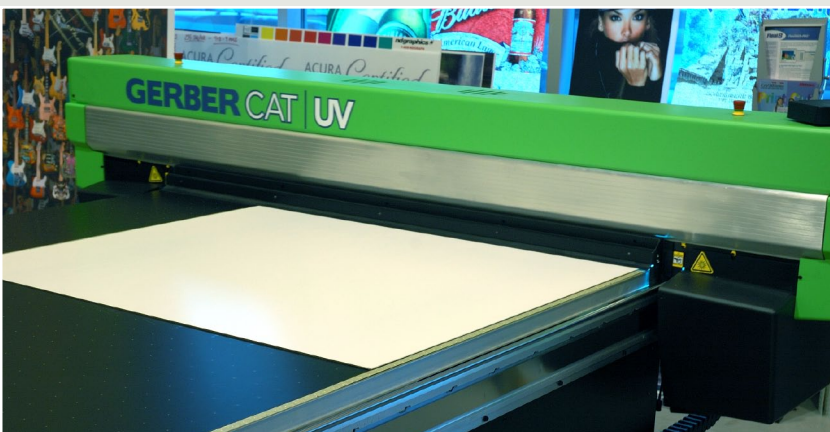
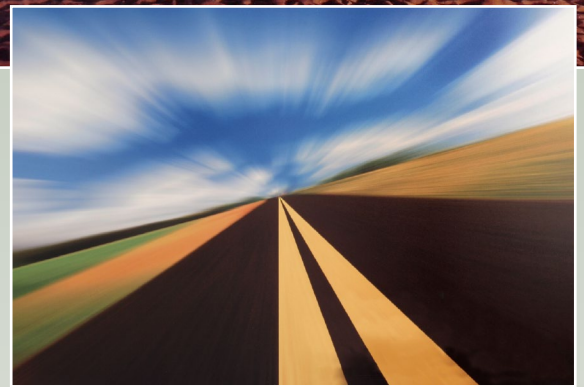
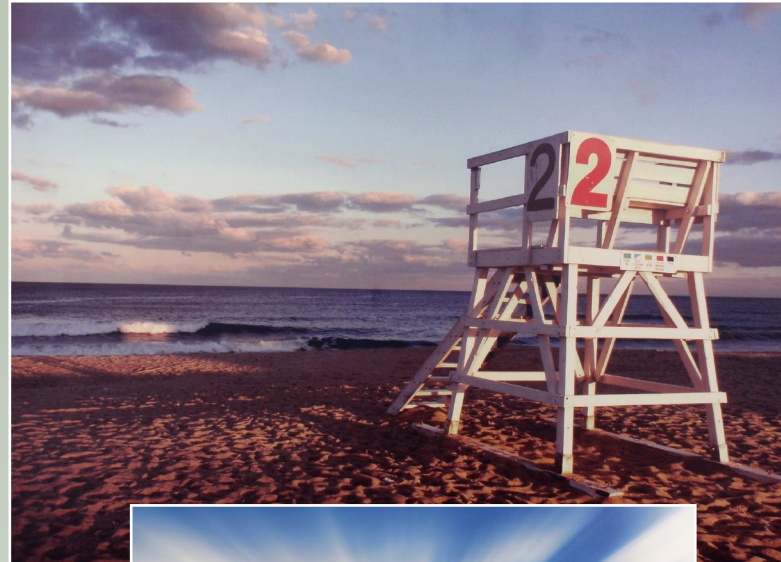
APPLICATIONS:

- ✦ Signs ✦ Point of Purchase

The ultimate PVC foam sheet for digital printing, EX-Cel Pro is a sheet exclusively developed for the high end digital print applications. The sheets are produced under very close dimensional tolerances. With EX-Cel Pro you are able to achieve a sharp and high quality printed image.

SPECIFICATIONS:

- ✦ Manufactured under close tolerances
- ✦ Each Sheet individually inspected
- ✦ Hard and Smooth Surface
- ✦ Light Weight
- ✦ Excellent Printability
- ✦ Standard sheet sizes: 4' x 8', 4' x 10', 5' x 8', and 5' x 10', all in 3mm or 6mm thickness
- ✦ Jain Americas, Inc. is ISO 9001, 14001 and 18001 certified



PROPERTY	UNIT	REF. STANDARD	VALUE
PHYSICAL			
DENSITY	g / cc	DIN 53479	0.66 – 0.75
HARDNESS 3 - 6 mm	SHORE 'D'	DIN 53505	≥ 42
WATER ABSORPTION (24HR/23C)	%	DIN 53495	< 1.0
MECHANICAL			
TENSILE STRENGTH	MPa	DIN 53455	> 15.0
ELONGATION AT BREAK		DIN 53455	
FOR WHITE COLOR	%		≥ 15
FOR OTHER COLOR	%		≥ 9
MODULUS OF ELASTICITY	MPa	DIN 53457	900 -1500
IZOD IMPACT STRENGTH (3-6 mm)	KJ/M ²	ASTM D 256	≥ 9.0
THERMAL			
VICAT SOFTENING TEMPERATURE (A/50)	°C	DIN 53460	≥ 73
FLAMMABILITY			
LIMITING OXYGEN INDEX	%	ASTM D 2863	> 40
FIRE BEHAVIOR		BS 476: PART 7-1987	CLASS 1Y
LIMITING OXYGEN INDEX		UL 94	94 V 0
LIMITING OXYGEN INDEX		NFP 92-501	M1
DIMENSIONAL TOLERANCES			
THICKNESS (up to 6 mm)	mm	± (0.1 + 0.05xNOMINAL THICKNESS)	
LENGTH	mm	-0, +10	
WIDTH	mm	-0, +5	
DEVIATION BETWEEN DIAGONALS	mm	≤ 6	
WARPAGE (ON A FULL SHEET)	mm	≤ 10	
VISUAL			
SURFACE (VIEWED FROM A DISTANCE OF 1.5 M))	SMOOTH MATT		

THICKNESS 3 & 6 mm

WIDTHS (mm) 1000, 1220, 1560, 2050.

LENGTHS (mm) 2000, 2440, 3000, 3050, 5490, 6100.

SPECIAL LENGTHS & WIDTHS AS PER CUSTOMER'S REQUEST

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DISTRIBUTOR INFO HERE



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