

RLR Industries, Inc.

FR FROST ACRYLIC FLAT SHEET FOR LED AND FLUORESCENT APPLICATIONS

FR is a range of specially formulated frosted acrylic flat sheet with a naturally occurring matte finish on both sides of the sheet. The sheet can be used in lay-in applications, can be fabricated easily into any 2-dimensional shape or pattern, or formed via vacuum, pressure, or drape (hand) forming methods. FR sheet is ideal for use in LED fixtures, or any fixture where pixel or lamp obscuration is necessary in concert with higher light transmission levels than traditional white acrylic sheet could provide.

FR SHEET PERFORMANCE DATA:

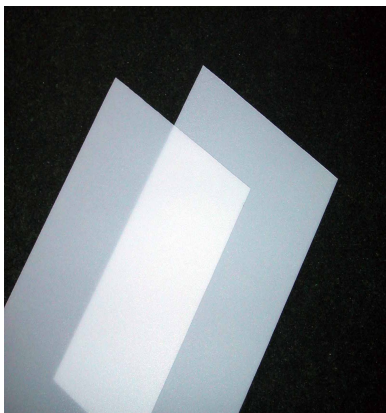
FR FORMULA	THICKNESS	LIGHT TRANSMISSION PERCENTAGE	LAMP/PIXELATION OBSCURATION
FR50	0.080"	91%	GOOD
FR100	0.040"	91%	BETTER
FR100	0.080"	88%	BETTER
FR100	0.125"	85%	BETTER
FR150	0.040"	88%	BEST
FR150	0.080"	83%	BEST
FR150	0.125"	80%	BEST
FR200	0.040"	82%	BEST

*LIGHT TRANSMISSION PERCENTAGE IS PRESENTED USING A SIMPLE LIGHT METER TEST. THE FINAL FIXTURE SHOULD HAVE THE APPROPRIATE LUMEN TESTING PERFORMED BY A CERTIFIED TESTING FACILITY.

SPECIFICATIONS:

Material Used: Arkema Frost Acrylic, UL# E39437, or Evonik Frost Acrylic, UL# E54671, or equivalent UL recognized materials.

Under normal operating conditions, under fluorescent lamps or LED's in an interior luminaire, FR sheet will perform satisfactorily for a period of 20 years.



Custom sizes, fabrication, thicknesses and light transmissions are available upon request.

**INNOVATION. QUALITY.
SERVICE. DEDICATION.
FOR THE LIGHTING INDUSTRY.**

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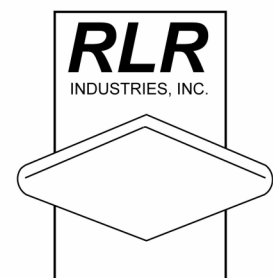
RLR Industries, Inc.
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ORDERING INFORMATION (SHEET SIZE IS 25 X 50"):

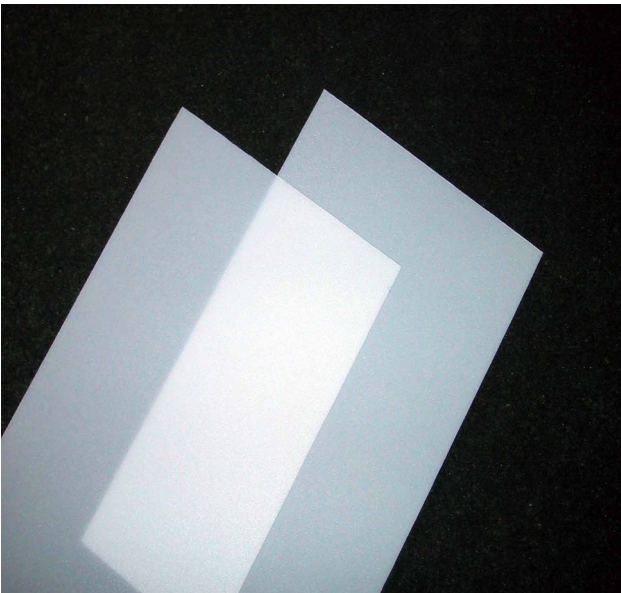
PART NUMBER	THICKNESS	LIGHT TRANSMISSION PERCENTAGE	LAMP/PIXELATION OBSCURATION
FR50-080-25-50	0.080"	91%	GOOD
FR100-040-25-50	0.040"	91%	BETTER
FR100-080-25-50	0.080"	88%	BETTER
FR100-125-25-50	0.125"	85%	BETTER
FR150-040-25-50	0.040"	88%	BEST
FR150-080-25-50	0.080"	83%	BEST
FR150-125-25-50	0.125"	80%	BEST
FR200-040-25-50	0.040"	82%	BEST

Sheet is available either boxes for small quantities, or full 250 pcs pallets for larger orders.

Custom sizes, fabrication, thicknesses and light transmissions are available upon request.

FR Sheet can also be further formulated for higher lamp/chip obscuration applications.

Please consult factory for details.



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