



# PVC TRANSPARENT CRISTAL

## Data sheet

### ► FEATURE

1. By using our patent know-how to manufacture the product that carries the characteristics of no flow mark, even surface, high gloss and transparency.
2. In conformity to the environmental protection requested by customers, the product with low VOC quality is available; for instance, non-phthalate product (With phthalate content less than 500ppm which comply to REACH especially for DENMARK STD).
3. According to customers' request, we can supply the product with fire retardant additive to meet EN- 1598 in Europe and M2 in France , applicable to welding door strip which requires strict flame resistance quality.
4. Depending on customer's requirement the product may contain anti-static additive to get the said effect, or may have UV absorber to restrain from aging yellowish.
5. In addition to the original clear film, colored clear film, the tinted clear films are available.
6. As long as two flexible PVC films with different plasticizers are processed together, plasticizer migration may happen to cause film wrinkle. Please remind to customers to prevent it prior to placing orders.



### ► Production ability

Product Code	Thickness (m/m)	Width		Put up (yds) (yds) / (m)	Hand (PHR)
		inches	(mm)		
FUXNX	0.080 ~ 0.100	20 ~ 66	(508 ~ 1676)	200 ~ 1,100	24 ~ 45
FUXNX	0.101 ~ 0.150	20 ~ 72	(508 ~ 1829)	150 ~ 600	24 ~ 50
(Printable)	0.151 ~ 0.200	20 ~ 72	(508 ~ 1829)	150 ~ 600	24 ~ 60
FUCNX	0.201 ~ 0.250	20 ~ 66	(508 ~ 1676)	100 ~ 300	24 ~ 60
(Tinted clear)	0.251 ~ 0.300	20 ~ 66	(508 ~ 1676)	100 ~ 300	24 ~ 60
FUXNP	0.301 ~ 0.400	20 ~ 61	(508 ~ 1549)	50 ~ 120	26 ~ 60
(With dusting)	0.401 ~ 0.508	20 ~ 60	(508 ~ 1524)	50 ~ 100	28 ~ 60

1. If there is any requirement out of the above mentioned production ability, please make contact with our technical administrator for further information.
2. Do not put material in storage under the sunlight, high temperature or high humidity. The recommended storing temperature is 10°C to 27°C (or 50°F-80°F).

### ► Application

1. Stationery, photo album, toy, pouch, cosmetic bag, hand bag....etc.
2. Window, marine, tent, briefcase, static cling film on glass, shoes, and miscellaneous processing.
3. The tinted clear sheeting laminated to release paper with or w/o glue can be used for advertisement and label inkjet print.
4. Clear inflatable product, baby occlusionware. For direct contacting to child or infant, please ordering special requirement with phthalate 1000ppm max (code:L0B) or phthalate 500ppm max (code:L30)



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# PVC TRANSPARENT CRISTAL

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### ► Specification

#### PVC super clear sheeting (calendering)

**Product Code:** FUXNX  
 FUCNX (tinted color)  
 FUXNP (dusting)  
 FUPNX (printable)

Item	Standard	Tolerance
Thickness	0.200mm ~ 0.50mm	Average : $\pm 5\%$ Individual: $\pm 0.03\text{mm}$
Width	21" ~ 59.1"	- 0 ~ + 1/4
Weight		$\pm 3\%$
Softness	22 ~ 56 PHR	20 ~ 66

Physical properties		Width			Test Method
		31 ~ 40	41 ~ 50	51 ~ 56	
Tensile Strength (kg/cm <sup>2</sup> )	MD	230 Min.	210 Min.	180 Min.	ASTM D-882 Method A
	CD	210 Min.	190 Min.	170 Min.	
Elongation (%)	MD	200 Min.	220 Min.	260 Min.	ASTM D-882 Method A
	CD	220 Min.	240 Min.	280 Min.	
Tear Strength (kg/mm)	MD	7.0 Min.	6.0 Min.	5.0 Min.	ASTM D-1004
	CD	7.0 Min.	6.0 Min.	5.0 Min.	
Shrinkage (%)	MD	-4.0 Max.	-5.0 Max.	-5.0 Max.	ASTM D-1204
	CD	2.0 Max.	2.0 Max.	2.0 Max.	



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## PVC TRANSPARENT CRISTAL

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### ► Specification

**PVC super clear sheeting (laminated)**

**Product Code:** RUXMX

RUCMX (tinted color)

### ► 1. Size

Thickness	Width	Roll length	Softness
0.60 ~ 1.00 mm	36"	50 ~ 80M	28 ~ 55 PHR
	48"	40 ~ 80M	28 ~ 55 PHR
	54" ~ 59.1"	30 ~ 50M	30 ~ 55 PHR

### ► 2. Standard

	Standard tolerance
Thickness 0,6 mm ~ 1.0 mm	-5% ~ + 10%
Width	-0" ~ +1/4"

### ► 3. Standard

Physical properties		1.0mm x 48PHR	0.8mm x 46PHR	Test Method
Tensile Strenght (kg/cm <sup>2</sup> )	MD	278.1	253.8	ASTM D-882
	CD	230	223.1	
Elongation (%)	MD	350	338	ASTM D-882
	CD	387	385	
Tear Strenght (kg/mm)	MD	8.2	8.5	ASTM D-1004
	CD	8.7	8.0	