

# PVC Sheets / Sheet Holders

Standard, Anti-Static, Anti-Static with Grid Lines

**PVC Sheets**

① HPEMT (Standard Type)  
② HPERT (Anti-Static Type)  
③ HPEVT (Anti-Static with Grid Lines)

Diagram showing sheet dimensions: Length (L), Width (W), and Thickness (T). Callouts show the PVC material and gridlines for HPEVT.

Type	Material	Color	Heat Resistance Temperature
① HPEMT	Vinyl Chloride (PVC)	Translucent	0 ~ 60°C
② HPERT			
③ HPEVT		Translucent (with Carbon Print)	

For Transparency, refer to the Transparency Comparison Photo below.

Part Number	Length L (m)	Thickness	Width W (m)	Mass (kg)*			L1		L10		L50	
				L1	L10	L50	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	T (Nominal)						1 ~ 9 sheet(s)	10 ~ 50	1 ~ 9 sheet(s)	10 ~ 50	1 ~ 9 sheet(s)	10 ~ 50
HPEMT	0.2	0.2	1.2	0.3	4.2	16.2						
HPERT												
HPEVT												

\*Specified in meter increments. \* The mass includes paper cores (Except for L1).

Ordering Example: Part Number - L  
HPEMT0.2 - 50

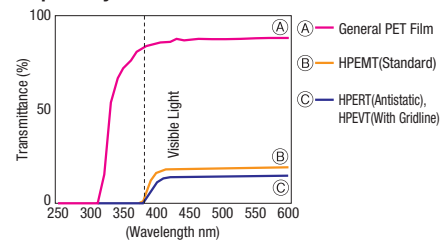
## Film Property

Item	Direction	Value	
		HPEMT (Standard Type)	HPERT, HPEVT (Anti-Static, Anti-Static with Grid Lines)
Tensile Strength	Vertical	300kgf/cm <sup>2</sup>	290kgf/cm <sup>2</sup>
	Horizontal	265kgf/cm <sup>2</sup>	260kgf/cm <sup>2</sup>
Tear Strength	Vertical	1520gf	1500gf
	Horizontal	1430gf	1450gf
Heat Resistance	-	60°C	60°C
Surface Resistivity	-	10 <sup>15</sup> Ω	10 <sup>12</sup> Ω

Item	HPEMT (Standard Type)	HPERT (Anti-Static Type)	HPEVT (Anti-Static with Grid Lines)
	Chemical Resistance		
Oil	○	○	×
Acid	△	△	×
Alkali	○	○	×
Solvent (Toluene, Acetone, Ethyl Acetate)	×	×	×

○=Good, △=Acceptable, ×=Not Acceptable. HPEVT is not chemically resistant because the color of the ink on the grid might change or degrade.  
 ♣ Not flame resistant. (However, Vinyl Chloride has self-extinguishing property).  
 ♣ Not suitable for a clean room due to a large quantity of phthalate compounds as plasticizer.

## Optical Transparency



## Transparency Comparison Photo (Sheet - Subject Distance: 50mm)



## Sheet Holders

Material: Polypropylene (Light Gray)

Part Number	No.	Length 1mm Increment	Mass kg/m	Extrusion (Series)	Unit Price/m 1 ~ 70 pcs(s).
HRLCS	5	50~2000	0.045	HFS5	
	6		0.064	HFS6	
	8		0.072	HFS8, HFS8-45	

Ordering Example: Part Number - Length  
HRLCS5 - 500

## Features

Used when fixing PVC sheets and non-PVC sheets onto extrusion frames.

Sheet T Dim. and Wrap Margin Reference

Part Number	Extrusion Used	A(mm)	B(mm)
HRLCS5	HFS5-2020	3 or more	25
HRLCS6	HFS6-3030		35
HRLCS8	HFS8-4040	5 or more	45
	HFS8-4545		50