

Polyethylene Laminated Sheets

Standard / Anti-Static / High-Grade Antistatic / Light-Shielding / UV Protection

Accessories for Aluminum Extrusions

Polyethylene Laminated Sheets

HPEFT Standard Type
HPEDT Antistatic Type
HPEHT Light-Shielding Type

Name of Parts	Material	Surface Treatment	Heat Resistance Temperature
(1) HPEFT	Polyethylene (PE), Ethylene Vinyl Acetate (EVA)	Transparent	-20~110°C
(2) HPEDT	Polyethylene (PE)	Translucent	-20~110°C
(3) HPEHT	Polyethylene (PE), Nylon (NY), Aluminum (Al)	Silver	-20~80°C

Ⓢ HPEHT (Light-Shielding Type) has 99.9% rate of shading.

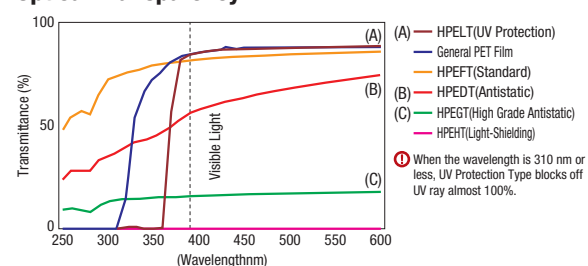
Part Number	Type	T (Nominal)	Length L (m)	Thickness	Width W(m)	Mass (kg)*		
						L1	L10	L50
HPEFT		0.2	1 10 50	0.2	1.2	0.4	4.2	13.1
HPEDT								
HPEHT								
				0.18	1.2	0.3	2.5	12.6

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

Film Properties

Item	Direction	Value				
		Standard Type	Anti-Static Type	High-Grade Anti-Static Type	Light-Shielding Type	UV Protection Type
Tensile Strength	Vertical	343 kgf/cm ²	242 kgf/cm ²	360 kgf/cm ²	463 kgf/cm ²	714 kgf/cm ²
	Horizontal	329 kgf/cm ²	225 kgf/cm ²	380 kgf/cm ²	433 kgf/cm ²	670 kgf/cm ²
Tear Strength	Vertical	93 gf	536 gf	1,400 gf	144 gf	1,490 gf
	Horizontal	100 gf	704 gf	1,200 gf	154 gf	1,400 gf
Heat Resistance	—	110°C	80°C	80°C	80°C	80°C
Surface Resistivity	—	10 ¹⁴ Ω	10 ¹² Ω	10 ⁹ Ω	—	—

Optical Transparency



Outgas Testing Results of Antistatic & High-Grade Antistatic Type

Sheet	Measuring Method	SIM Method	SIM Method	SIM Method	SIM Method
Anti-Static Type	Outgas	Diethyl Malonate	Ethyl Acetate	Dibutyl Phthalate	Diocetyl Phthalate
	60°C 60 min.	Below Detection Limit	Below Detection Limit	Below Detection Limit	Below Detection Limit
	Detection Limit	2.5 ng/g	2.5 ng/g	5.0 ng/g	25.0 ng/g

SIM: Stands for "Select Ion Monitoring", type of Gas Chromatography Analysis. Measures pre-registered molecular weight substance only in high accuracy.

*Comparison of Transparency (Sheet - Subject Distance: 50 mm)



Curtains / Curtains Fasteners

Accessories for Aluminum Extrusions

Curtains

HPEFC Standard Type
HPEDC Antistatic Type

Accessory: Curtain Fasteners

Opened / Closed

No.6 / No.8

(Curtain) Material: JIS-C5212B Surface Treatment: Nickel Plating
 (Curtain Fasteners) Material: Polypropylene Resin Accessory: Slide Hooks (P.2916)

Ⓢ Grommets are provided at 200 mm pitch.

Curtains

Part Number	Height (H)	Width (W)	Sheet Used
Type	100 mm Increment	200 mm Increment	P.2912
HPEFC	6	1200~2400	HPEFT0.2
HPEDC	8	600~1200	HPEDT0.2

Curtain Fasteners

Part Number	Applicable Extrusion (Series)	Allowable Load
Type	No.	
HFCFS	6	HFS6
	8	HFS8(-45)
		1.0

Part Number Example

Part Number - H - W
HPEFC6 - H2000 - W1000
HFCFC

Details of Accessories

Part Number	Applicable Extrusion (Series)	Curtain Width W	Number of Grommets	Included Sliding Hook / Curtain Fastener		
				Sliding Hook	Number of Sets	Number of Curtain Fasteners
HPEFC6 HPEDC6	HFS6 P.2723	600	2	HFCFS6	2	2
		800	3		3	3
		1000	4		4	4
		1200	5		5	5
HPEFC8 HPEDC8	HFS8(-45) P.2766	600	2	HFCFS8	2	2
		800	3		3	3
		1000	4		4	4
		1200	5		5	5

Part Number Alterations

Part Number - H - W - (LHC / RHC)
HPEDC6 - H2000 - W1000 - LHC50-RHC100

Alterations	Grommet on Left End	Grommet on Right End
	Code	LHC
Spec.	Adds a grommet on the left end. LHC=10 mm Increment Ⓢ 20≤LHC≤140 Ⓢ 1 set of slide hooks and 1 pc of curtain fastener are added.	Adds a grommet on the right end. RHC=10 mm Increment Ⓢ 20≤RHC≤140 Ⓢ 1 set of slide hooks and 1 pc of curtain fastener are added.

Curtain Fasteners

HPMT the aluminum extrusion.

(1) Hook
 (2) Loop

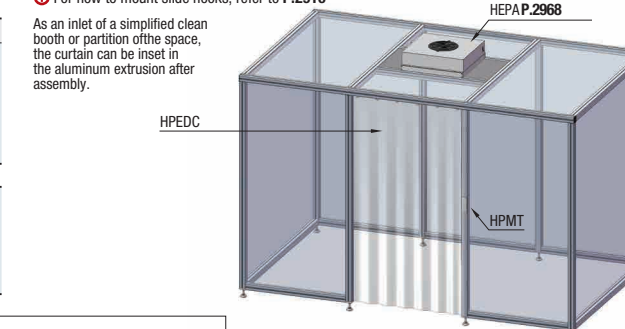
Material: 6 Nylon
 Ⓢ Hook and Loop as a set.

How to Mount the Curtain Fastener

Application Example

- Align the holes of a slide hook and a grommet.
- Insert the curtain fastener through both holes.
- Push into the hole of the fastener with a small rod less than Ø3.5 (such as a hex wrench).

Ⓢ For how to mount slide hooks, refer to P.2916



Ⓢ Can be cut by scissors

Part Number Example

Part Number - L
HPMT50 - 1