

STATIONERY



Clean Paper

Polstar Clean Paper is specially designed for writing, printing and photocopying in Cleanroom environments. Through a polymerization process, fiber lint and particulates are tightly bound to each other. This reduces electrostatic buildup and ultimately minimizes the scrap rate of the copy paper. Polstar Clean Paper provides a variety of colors, sizes and weights.



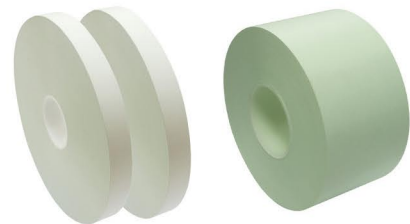
VIDEO

Features

- Low Talc
- Recyclable
- Clear writing
- Double packing (Single packing – option) in cleanroom
- Ultra-low particle generation, extractable chemical substances and metallic ion content
- High opacity and durability
- Good tear and tensile strength
- Smooth feeding and superior toner adherence in laser printers and PPC copiers



Clean Paper (Roll type)



Item Code	Product	Weight (g)	Size (mm)		Packing
M01S-000	Clean Paper	72 80 100 250	A3	420×297	250 sheets/pk, 5 pks/ctn
			A4	210×297	250 sheets/pk, 10 pks/ctn
			A5	210×148	250 sheets/pk, 20 pks/ctn
			B4	257×364	250 sheets/pk, 5 pks/ctn
			B5	182×257	250 sheets/pk, 10 pks/ctn
			Full Size	645×900	9 sheets of A4 size are available
				850×900	12 sheets of A4 size are available
	Clean Paper (Roll type)		2", 3" (core)×30~1600 mm(W) ×30~10,000 m(L)		

* Color: M01S-000 - White, S. Blue, R. Blue, L. Blue, Green, Pink, Yellow, Orange

TF Clean Paper



Features

- Talc Free
- Recyclable
- Clear writing
- Double packing (Single packing - option) in cleanroom
- Ultra-low particle generation, extractable chemical substances and metallic ion content
- High opacity and durability
- Good tear and tensile strength
- Smooth feeding and superior toner adherence in laser printers and PPC copiers

Continuous Printing Clean Paper



Features

- Made of polstar clean paper
- Recyclable
- Suitable for Cleanroom environments

Clean Notebook



Features

- Easy to write on
- Good Tear resistance
- High-density polyethylene cover and plastic spirals (a spiral type)
- * Type: Spiral or Stapler
- * Line: Ruled, Checked
- * Size: A4, A5, A6 (Custom sizes are also available)

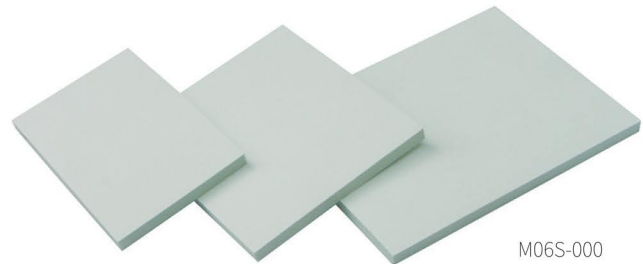
Item Code	Product	Weight (g)	Size (mm)		Packing
M21S-000	TF Clean Paper	72	A3	420×297	250 sheets/pk, 5 pks/ctn
			A4	210×297	250 sheets/pk, 10 pks/ctn
			A5	210×148	250 sheets/pk, 20 pks/ctn
M04S-000	Continuous Printing Clean Paper	72, 80, 100	9.5" × 11"		2,000 sheets/ctn
			15" × 11"		2,000 sheets/ctn
M05S-000	Clean Notebook	72, 80	Spiral / A4	210×297	50 sheets/book
			Spiral / A5	210×148	50 sheets/book
			Spiral / A6	105×148	50 sheets/book
			Stapler / A4	210×297	30 sheets/book
			Stapler / A5	210×148	30 sheets/book

• Color: M21S-000 - White, L. Blue M04S-000, M05S-000 - White, S. Blue, R. Blue, L. Blue, Green, Pink, Yellow, Orange

Clean Memo Tag (post-it type)

Features

- Made of cleanroom paper
- Designed with special adhesive
- Light weight
- No extractables left behind
- Easy to write on
- Ideal for simple notes and writing reminders
- Standard sizes: 2×3", 3×3", 4×3"



M06S-000

Clean Label

Polstar Clean Label is for the purpose of memo, data writing or bar coding on wafer carriers or boxes. It is made of particle-free PP film with an acrylic based adhesive. It minimizes contamination and leaves no residue on the surface after the label is removed. As the film is chemical treated for bar code printing, the recognition of error from a bar code reader is reduced.

Features

- Cleanroom applicable
- Custom sizes



M07S-000

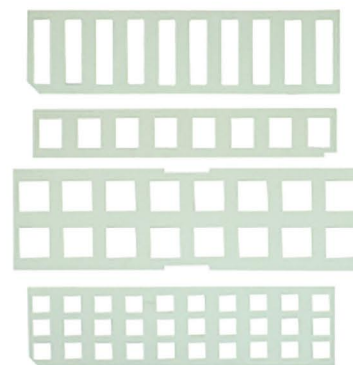
Interleaf



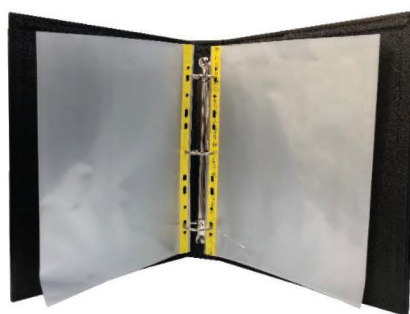
Item Code	Material	Shape	Size (inch, mm)	Weight (g)	Thickness (μm,+/-3)	Application
M09S-001	Cleanroom Paper	Circle	6" (dia.)	72	91	Wafer
M09S-002	Cleanroom Paper	Circle	8" (dia.)	72	91	Wafer
M09S-006	Tyvek Paper	Circle	8" (dia.)	72	191	Wafer
M09S-003	Cleanroom Paper	Circle	12" (dia.)	72	91	Wafer
M09S-009	Cleanroom Paper	Tetragon	55×210	72	91	PCB
M09S-010	Cleanroom Paper	Tetragon	120×120	72	91	PCB
M09S-011	Cleanroom Paper	Tetragon	123×123	72	91	PCB
M09S-014	Cleanroom Paper	Tetragon	420×510	72	91	PCB
M09S-012	Cleanroom Paper	Octagon	156×156	72	91	Solar glass
M09S-013	Cleanroom Paper	Tetragon	182×182	72	91	Solar glass
M09S-016	Cleanroom Paper	Tetragon	210×297	72	91	Printed form
M09S-000	PP	Tetragon	on demand	95		High-end

Lead Frame Separator

Item Code	M22S-000
Material	Clean Paper, PP
Weight	250 g



ESD Ring Binder



Item Code	M15S-001	M15S-002	M15S-003	M15S-004	M15S-005	M15S-006
Material	PVC	PVC	PVC	PVC	PU	Paper
Color	Black	Black	Black	Black	Black	Blue
Thickness	45 mm	45 mm	75 mm	75 mm	45 mm	45 mm
Size	A4	A4	A4	A4	A4	A4
Ring	2 rings	3 rings	2 rings	3 rings	3 rings	3 rings
Surface Resistance	10e5 ~ 10e8 ohm					

ESD Clear File

Item Code	M10S-001-TP-A4	M10S-002-TP-A3
Material	PP	
Size	A4	A3
Thickness	0.05 mm	
Surface Resistance	10e9 ~ 10e11 ohm	



ESD Document Holder



Item Code	M14S-004
Material	PET
Size	A4
Thickness	0.2 mm
Surface Resistance	10e5 ~ 10e7 ohm (both sides)

Features

- Protect documents, especially thinner files
- Cleanroom compatible
- Open 2 ways (top & right side)



- ESD Treatment
- PET (125 μ m)
- ESD Treatment



M14S-008

Item Code	M14S-008	M14S-009
Width	20 mm	30 mm
Material	PETG	
Size	A4	
Color	Black	
Surface Resistance	10e5 ~ 10e8 ohm	



M14S-007



M14S-010



M14S-011

Item Code	M14S-007	M14S-010	M14S-011
Material	ABS	ABS	ABS
Paper Size	A4	A4	A4
Color	Black	Black	Black
Surface Resistance	10e5 ~ 10e8 ohm	10e5 ~ 10e8 ohm	10e5 ~ 10e8 ohm

ESD Clipboard



Item Code		M11S-001-TP-A4	M11S-002-TP-A5
Material	Body	Static Dissipative PMMA (Acrylic) / PC	
	Clip	S/Steel + Plastic	
Size		A4	A5
Surface Resistance		10e6 ~ 10e8 ohm	



Item Code		M11S-003-BK-A4
Material	Body	Static Dissipative Synthetic Leather / PC
	Clip	S/Steel + Plastic
Size		A4
Color		Black
Surface Resistance		10e5 ~ 10e8 ohm

ESD Laminating Film

Features

- Good Transparency
- 2 Colors
- Good performance in Laminating
- Semi-permanent surface resistivity
- Film in roll type is also available on request

Applications

- Protect documents with ESD laminating.



M13S-004



M13S-009



- ESD treatment PET film (50μm)
- PP Hotmelt (50μm)
- PP Hotmelt (50μm)
- ESD treatment PET film (50μm)

Physical Properties		Unit	Value				Test Method
			M13S-004-TP-A4	M13S-006-TP-A3	M13S-009-GR-A4	M13S-010-GR-A3	
Thickness	Base Film	μm	50±2				ASTM D257
	PP Hotmelt	μm	50±3				
Total Thickness		μm	200±10				
Size			A4	A3	A4	A3	
Color			Clear		Light Grey		
Surface Resistance (Out)		Ω	Max.10e6		Max.10e6		
Surface Resistance (In)			Max.10e6		Max.10e6		
Triboelectricity		V	Max.300		Max.500		

ESD Mouse Pad

Item Code	M20S-001	M20S-002
Size	1.4(T)×170×210 mm	1.4(T)×200×250 mm
Material	Top: Microfiber ESD fabric Bottom: Conductive rubber	
Color	Dark Blue / Black	
Surface Resistance	Top: 10e6 ~ 10e7 ohm Bottom: 10e4 ~ 10e5 ohm	

Features

- Made of ESD microfiber fabric & Conductive NBR Rubber
- Excellent ESD properties
- Dual layer structure
- Embossed bottom
- Easy Mouse operating
- Smooth surface
- ESD logo printed



Item Code	M20S-003
Material	Black Lycra Fabric + PU Gel
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm



M20S-003

ESD Keyboard



M24S-001



M24S-002

Item Code	M24S-001	M24S-002
Type	Wireless	Wired
Material	ABS	
Color	Black	
Specifications	USB Port	
Surface Resistance	10e5 ~ 10e8 ohm	

ESD Mouse



M25S-001



M25S-002

Item Code	M25S-001	M25S-002
Type	Wired	Wireless
Material	ABS	
Color	Black	
Specifications	USB Port	
Surface Resistance	10e5 ~ 10e8 ohm	

ESD Puncher



Item Code	M28S-001
Material	ABS (Plastic Part)
Color	Black (Plastic Part)
Surface Resistance	10e5 ~ 10e8 ohm

ESD Stapler



Item Code	M29S-001
Material	ABS
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Telephone



Item Code	M35S-001
Material	ABS
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Calculator



Item Code	M23S-001
Material	ABS
Surface Resistance	10e5 ~ 10e8 ohm

ESD Tape Cutter



M36S-001

* Handheld type
M36S-002

Item Code	M36S-001	M36S-002
Material	ABS	ABS
Size	25 mm, 75 mm	2"/2.5"
Color	Black	Black
Surface Resistance	10e5 ~ 10e8 ohm	10e5 ~ 10e8 ohm

ESD File Cabinet



- * Spec. 1: Index Stick Place on Every Drawer
- * Spec. 2: With lock and Key

Item Code	M52S-001
Material	PP + GPPS
Size	270×360×260 mm
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Scissors



Item Code	M27S-001
Material	ABS (Plastic Part)
Color	Black (Plastic Part)
Surface Resistance	10e5 ~ 10e8 ohm

ESD Cutter



Item Code	M32S-001
Material	ABS (Plastic Part)
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Ruler



Item Code	M26S-001
Material	ABS
Color	Clear
Length	30 cm
Surface Resistance	10e5 ~ 10e8 ohm

ESD Clip



Item Code	M33S-001	M33S-002
Material	Metal	
Size	M	L
Color	Opaque	
Surface Resistance	10e5 ~ 10e9 ohm	

ESD Display Rack



Item Code	M34S-001
Type	Wall Mounting type
Material	ABS base + PP
Paper Size	A4
Leaf	10 pockets
Color	Black, Black leaflets
Surface Resistance	10e7 ~ 10e9 ohm



Item Code	M34S-002
Type	Desktop type
Material	ABS base + PP + Metal
Paper Size	A4
Leaf	20 pockets /40 sheets
Color	Black stand, Black leaflets
Surface Resistance	10e7 ~ 10e9 ohm

* Can be rotated in 360℃ by hand

* Half moon handle

ESD Pen Stand



Item Code	M31S-001
Material	ABS
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Scanner



Item Code	M37S-001
Material	ABS (Plastic Part)
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm

ESD Pen



Item Code	M30S-001
Material	ABS
Color	Black
Surface Resistance	10e5 ~ 10e8 ohm
Packing	10 pcs/bag

ESD Pen



Item Code	M30S-002
Material	Metal
Color	Black
Surface Resistance	10e8 ~ 10e9 ohm
Packing	12 pcs/bag

Cleanroom Pen

Item Code	Type	Color	Packing
M39S-004-BK	Stick type	Black	12 pcs/bag
M39S-004-BL		Blue	
M39S-004-RE		Red	
M39S-005-BK	Click type	Black	12 pcs/bag
M39S-005-BL		Blue	
M39S-005-RE		Red	

Features

- Ball size: 0.8 mm
- Double poly packed in Class 100 (ISO 5)
- Low Sodium, Chloride and Heavy Metal used Ink
- Non-smearing permanent Ink
- Low outgassing and particulate generation material is used
- Barrel is made of HDPP (high-density polypropylene)
- Rectangular clip design



ESD Cleanroom Bags (Fabric type)



Features

- Surface resistance: 10e6 ~ 10e8 ohm
- ESD Cleanroom fabric material
- Good durability
- Expandable (backpack and cross bag)
- Adjustable shoulder straps
- Suitable for Cleanroom and ESD environments
- Opaque bag
- Name card holder

Style	Item Code	Pictures	Dimensions (mm)
Backpack	M38S-013-SB M38S-013-GR		310×430×100 (160) *expandable (60 mm) *Zip Pocket ① 310×310×50 ② 310×190
	M38S-016-SB M38S-016-GR		390×290×80 (140) *expandable (60 mm) *Zip Pocket ① 390×190×60 (front) ② 390×190 (back)
Cross bag	M38S-019-SB M38S-019-GR		230×260×55 *Zip Pocket ① 230×160×45 (front) *Open Pocket ① 230×160 (back)

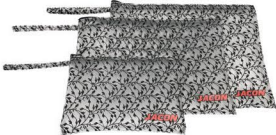


ESD Cleanroom Bags (TPU type)



Features

- Surface resistance: $10e4 \sim 10e6$ ohm
- TPU(Thermoplastic Polyurethane) material
- Excellent durability and elasticity
- Wear, cold, chemical and oil resistance
- No smell, Anti-aging
- ECO friendly and no harmful to human body
- Expandable (backpack and cross bag)
- Adjustable shoulder straps
- Suitable for Cleanroom and ESD environments
- See-through bag
- Name card holder

Style	Item Code	Pictures	Dimensions (mm)
Backpack	M38S-012-TP		$310 \times 430 \times 100$ (160) *expandable (60 mm) *Zip Pocket ① $310 \times 310 \times 50$ ② 310×190
Cross bag	M38S-015-TP		$390 \times 290 \times 80$ (140) *expandable (60 mm) *Zip Pocket ① $390 \times 190 \times 60$ (front) ② 390×190 (back)
	M38S-018-TP		$230 \times 260 \times 55$ *Zip Pocket ① $230 \times 160 \times 45$ (front) *Open Pocket ① 230×160 (back)
Pouch	M38S-007-HZ-S M38S-007-HZ-M M38S-007-HZ-L		S: 215×155 M: 315×215 L: 330×245

