

pure[11]-Nr.: 1107003, Marke:

Eigenschaften

Empfohlene Reinraumklassen

ISO

GMP

Material

-

Verpackung

- Box

Produktvarianten

pure¹¹-Nr.: 1107003,

pure¹¹-Nr.: 1107003BK, LabMarker #PEN-40IR, Steril

Farbe: Schwarz / VE: 10STK

Micronova®
MANUFACTURING INC.

Your strategic supplier for critical cleaning

PENS AND MARKERS FOR SUPERIOR DOCUMENTATION



Excellence in cleaning since 1984

Meeting requirements for Good Documentation Practices is imperative across controlled environments. From low sodium ink pens for Electronics/Semiconductor paper records to irradiated markers for labeling plastic, glass and paper in aseptic areas and RABS, we have the pens and packaging to meet your requirement.

Cleanroom Pens, Cleanroom Click Pens, IPA Resistant LabMarkers and Rollerball GelPens are available gamma irradiated – suited for Aseptic ISO 5, and other clean environments.



Cleanroom Pens

Cleanroom Pens feature a low-sodium, indelible ink and a special high-density poly barrel to limit particle generation.

Available in Black, Blue and Red.

Certified for Class 100.



Cleanroom Click Pens

Cleanroom Click Pens have the same clean, low sodium, indelible ink features as PEN-01 and PEN-02 (above) with an easy "click" retractable nib.

Available in black and blue ink.



Rollerball IPA Resistant GelPen – Irradiated

A fine point, archival ink gel pen for paper records.

Available in blue ink.



IPA-Resistant LabMarkers™

Lab Markers feature permanent, quick drying ink that leaves a clear impression on plastic bags or disposable labware. Has resistance to IPA overspray and smearing. Can be washed off with soap and water.



Sharpie® Fine Point Lab Markers

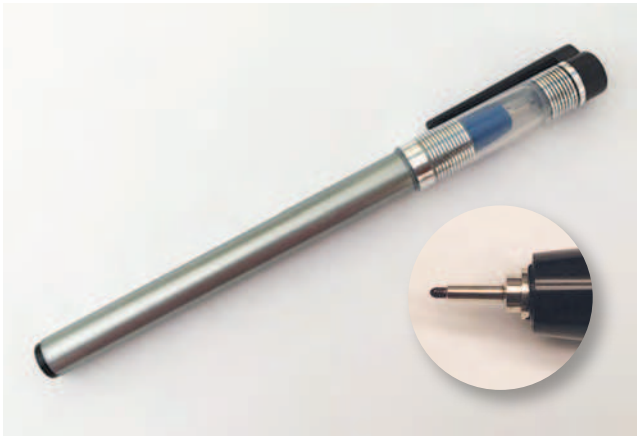
The industry standard, pen style permanent marker. Available in original"'capped" (above) and 'retractable' styles (below).



Sharpie® UltraFine Point Lab Markers

With the same industry standard permanent ink, this marker has an ultra fine tip for precise labeling and documentation. Capped. Available in blue or black ink.





UltraFine Smear-Proof Markers

A permanent marker that gives the thinnest permanent line at 0.3 mm. The quick dry ink works well with lab samples and slides, glass, plastic as well as paper. Long nib allows for writing in limited spaces.

Sharpie® Fine Point and Ultra Fine Point Markers are gamma irradiated – suited for Aseptic, ISO 5, and other clean environments.

Part No.	Low Sodium Ink	Rollerball Gel/Archival Ink	Fiber Tipped "Marker" Pen	Capped Nib	Click/Retractible	Blue Ink	Black Ink	Red Ink	Irradiated	IPA Resistant Ink	Fine Point	Ultra Fine Point	Pens Per First Bag	Pens Per Double Bag	Pens Per UOM Sold
Cleanroom Pens															
PEN-01	✔			✔			✔						10	10	10
PEN-02	✔			✔		✔							10	10	10
PEN-03	✔			✔				✔					10	10	10
PEN-01IR	✔			✔			✔		✔				10	10	100
PEN-02IR	✔			✔		✔			✔				10	10	100
PEN-03IR	✔			✔				✔	✔				10	10	100
Cleanroom Click Pens															
PEN-11	✔				✔		✔						10	10	10
PEN-12	✔				✔	✔							10	10	10
PEN-11IR	✔				✔		✔		✔				10	10	100
PEN-12IR	✔				✔	✔			✔				10	10	100
Rollerball IPA-Resistant GelPen - Irradiated															
PEN-18IR		✔			✔	✔			✔	✔	✔		1	4	12
IPA-Resistant LabMarkers™															
PEN-40			✔	✔			✔			✔	✔		5	10	10
PEN-40IR			✔	✔			✔		✔	✔	✔		1	5	10
Sharpie® Fine Point Markers															
PEN-20IR			✔	✔			✔		✔		✔		1	4	12
PEN-22IR			✔	✔		✔			✔		✔		1	4	12
PEN-23IR			✔	✔				✔	✔		✔		1	4	12
PEN-25IR			✔		✔		✔		✔		✔		1	4	12
PEN-26IR			✔		✔	✔			✔		✔		1	4	12
PEN-27IR			✔		✔			✔	✔		✔		1	4	12
Ultra Fine Point Markers															
PEN-51			✔	✔			✔					✔	4	12	12
PEN-52			✔	✔		✔						✔	4	12	12
PEN-51IR			✔	✔			✔		✔			✔	1	4	12
PEN-52IR			✔	✔		✔			✔			✔	1	4	12
PEN-53IR			✔	✔				✔	✔			✔	1	4	12
PEN-61IR			✔	✔		✔			✔			✔	1	4	12

Micronova MANUFACTURING INC.

Micronova Manufacturing, Inc.
3431 W. Lomita Boulevard
Torrance, CA 90505-5010 USA

Tel: **310/784-6990**
Fax: **310/784-6980**

SalesInfo@micronova-mfg.com
www.micronova-mfg.com

Revision 006

FINE TIP LABMARKER, IRRADIATED

Product Specification

Product Name:	Fine Tip LabMarker, Irradiated
Manufacturer Part Number(s):	PEN-40IR
Description:	Irradiated LabMarker, fine tip capped permanent marker Manufactured at Micronova's Torrance, CA facility. Designed for clean and controlled environments.
Manufacturing Standards:	ISO 9001 Certified Facility
Physical Data:	
Materials of Construction:	
Barrel:	High-density poly barrel – polypropylene
Cap:	Polypropylene
Ink:	Permanent, quick drying, alcohol- resistant black ink
Reservoir and nib:	Polyester
Dimensions:	5 ¼ in (13.34 cm) x ½ in (1.27cm)
For Use with: (as needed)	Cleanroom and Aseptic Environment Documentation Marks on cold or wet surfaces, plastic bags, and disposable Labware. Smear- resistant on glass, metal and porcelain, but can be scrubbed off.
Autoclavability:	Not autoclavable
Chemical Compatibility:	Holds up to wipe down with IPA, bleach and phenols Integrity of printed barrel will be compromised with thinners and strong solvents.
Shelf Life:	24 months
Packaging:	Individually bagged, 5 pens per pack, 2 packs double bagged, 10 pens total per case
Traceability:	Lot number printed on each inner bag and case
Irradiation Standards:	Minimum Irradiation Dosage 10 kGy
Certificates:	Certificate of Irradiation Processing and Certificate of Conformance shipped with each order and available on website

© COPYRIGHT 2019

Micronova Manufacturing, Inc.
3431 West Lomita Boulevard
Torrance, CA 90505
Phone: 310-784-6990 / micronova-mfg.com