

H20 and H44 Smart Trays

*Laser-Marked Smart Trays
for Seamless Traceability*

Customers provide a simple digital file containing their 2D Data matrix codes, and Entegris laser marks those codes directly onto either polymer trays or standard device trays. This optional service transforms a traditional tray into a Smart Tray and is fully traceable, scan ready, and seamlessly integrated into the customer's manufacturing and MES workflows.

Key Capabilities

Customer Provided 2D Code Integration – Accepts a simple digital file containing the customer's data matrix codes for direct marking.

Laser Etched Identification – High precision, permanent marking applied to polymer trays or standard device trays.

Traceability Enabled Smart Trays – Converts a passive tray into an active data carrier that supports automated identification.

MES and Quality System Compatibility – Codes are scan ready and integrate seamlessly with manufacturing, test, and shipping workflows.

Operational Efficiency Gains – Reduces manual handling, misidentification, and rework through automated scanning.

Flexible Tray Material Support – Available on polymer trays or standard device trays with no change to form, fit, or function.

Optional Value Added Services – Serialization, custom code layouts, and customer specific marking formats.



APPLICATIONS

- Wafer to die traceability
- Assembly and packaging operations
- Tray and asset movement tracking
- Quality, compliance, and audit investigations

FEATURES AND BENEFITS

- Permanent physical to digital linkage
- Tamper resistant identification
- Durable cleanroom safe markings
- End-to-end asset traceability
- Improved audit readiness
- Reduced risk of misassociation
- Lower rework and handling errors
- Compatibility with standard fab scanners

ORDERING INFORMATION

Part number	Description	Material
H20 and H44 Series Trays	2" and 4" Device Trays	Various

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

TERMS AND CONDITIONS OF SALE

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