

H20 and H44 Smart Trays

*Laser-Marked Smart Trays
for Seamless Traceability*

Entegris or 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

Entegris or 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

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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