



## 1D BARCODE

Holds limited data (e.g., inventory, price)
Requires external database linkage
Requires a laser scanner
Less durable, prone to wear
Limited error correction
Standard since 1974
<p>Functionalities:</p> <ul style="list-style-type: none"> <li>✓ Scans at checkout</li> </ul>

## 2D BARCODE

Suitable for complex applications (e.g., inventory management, GTIN, detailed product data)
No external database needed
Readable by smartphones or image scanners
More durable, resistant to damage
Advanced error correction for improved reliability
The new standard for retail, manufacturing, and distribution from 2027
<p>Functionalities:</p> <ul style="list-style-type: none"> <li>✓ Scans at checkout</li> <li>✓ Provides health information</li> <li>✓ Identifies potential allergens</li> <li>✓ Indicates if the product is expired             <ul style="list-style-type: none"> <li>✓ Displays recall status</li> </ul> </li> <li>✓ Provides recycling information</li> <li>✓ Shows sustainability details</li> <li>✓ Offers potential coupons</li> </ul>

Your Vision for Tomorrow's Coding and Traceability Solutions Today.