

Introduction

Raw material master is a centralized database in AGen raw material In-out management solution that stores critical information such as SKUs, descriptions, dimensions, and costs, ensuring raw material accuracy, operational efficiency, better demand planning, compliance, cost control, and seamless system integration.



Key Features

Unique Item Number - Each raw material in a raw material master is assigned a unique identifier, can be named as a Stock Keeping Unit (SKU), barcode or QRcode, which distinguishes it from other products. This identifier ensures precise tracking, inventory accuracy, and efficient retrieval during in-out operations, minimizing errors and simplifying data management.



Importance for tracking and - Raw material master is crucial for tracking and in-out movement management by storing key data like identifiers, quantities, and specifications. It ensures accurate stock levels, prevents shortages, reduces waste, and supports efficient procurement. Additionally, it enhances traceability for quality control, compliance, and issue resolution.

Description – This is the detailed information about each item. Examples of what might be included product name, specifications, character, colour, etc.



Batch Identifiers - Importance for industries with strict quality control. Batch identifiers help with tracking and traceability by assigning a unique code to each production batch, enabling precise monitoring of product movement, origin, and usage. They support quality control, regulatory compliance, and quick issue resolution by identifying affected batches during recall or defect investigations.

Item Master in Warehouse Management



Physical Data - Information on dimensions, weight, and other physical characteristics. This data aids storage and handling by providing information on item specifications, quantities, and storage requirements, ensuring proper placement, minimizing space usage, and preventing damage. It also helps streamline inventory access, supports efficient picking processes, and ensures compliance with safety and handling standards.

Storage Location and Bin Identifiers – raw material is stored and located using a systematic approach, often involving bin locations, racks, and zones. Each raw material is assigned a specific storage location based on size, demand, and handling requirements, ensuring efficient space utilization, easy access, faster picking, and reduced retrieval errors.

Benefits.

Automation: Streamlines warehouse processes.

Optimization: Helps maintain optimal stock levels.

Traceability: Ensures accurate tracking of items from receipt to shipment.

Conclusion

Raw material master is vital in warehouse in-out management as it centralizes key product information, including SKUs, descriptions, dimensions, and storage details. It ensures inventory accuracy, operational efficiency, and effective space utilization by standardizing data for easy item identification and tracking. The raw material master supports demand planning, reduces errors, and enhances traceability by storing batch numbers and supplier details. It also facilitates compliance, cost control, and seamless system integration across departments. Ultimately, a well-maintained raw material master improves productivity, minimizes disruptions, and supports better decision-making in inventory management.