

## Material Master

Let us understand sales data in material master (MM)

**Display Material R-1001 (Finished product)**

Additional data | Organizational levels

Classification | Sales: sales org. 1 | Sales: sales org. 2 | Sales: gene...

Material: R-1001 | Maxitec-R 3100 Personal computer

Sales Org.: 3020 | USA Denver

Distr. Chl: 10 | Final customer sales

**General data**

Base Unit of Measure: PC | piece(s) | Division: 07 | High Tech

Sales unit:  |  Sales unit not var.

Unit of measure grp:

X-distr.chain status:  | Valid from:

DChain-spec. status:  | Valid from:

Delivering Plant: 3800 | Denver Distribution center

Material group: 012 | Hardware

Cash discount |

**Tax data**

C...	Country	Tax...	Tax category	T	Tax classification
US	United States	UTXJ	Tax Jurisdict.Code	1	Taxable

Entry 1 of 1

**Quantity stipulations**

Min.order qty: 0 | PC | Min. dely qty: 0 | PC

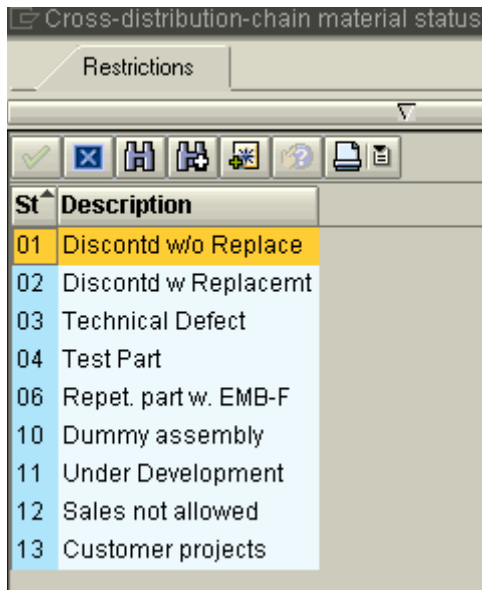
Delivery unit: 0 |

Key fields here are

**Sales unit** – Unit in which product is sold. Example – Product can be sold in bottles but it can be produced in gallons.

X-distr.chain status  Valid from

It restricts selling of the material in all distribution channels as per the reason selected from the list below.



DChain-spec. status  Valid from

Material can be restricted for specific distribution channel.  
Reason list – It could be the same as above for cross-distribution-chain

Theses statuses can have validity dates, as products may be restricted as there is technical defect and engineering department is working to resolve the same

Delivering Plant

- Plant, which will get defaulted in the sales order item.  
Sequence for this would be
- 1.Customer-material inforecord
  - 2.Customer master-sales area data
  - 3.Material master-Sales views

Tax data					
C...	Country	Tax...	Tax category	T	Tax classification
US	United States	UTXJ	Tax Jurisdict.Code	1	Taxable

UTXJ is the tax category applicable to the material in US and so need to be configured in customizing.  
 Enter tax classification applicable to the material. Tax classification can be defined in customizing as below.

Tax classification (1) 3	
Restrictions	
0	Tax exempt
1	Taxable
9	Tax exempt

Quantity stipulations					
Min.order qty	0	PC	Min. dely qty	0	PC

Minimum qty at order item level or delivery item level can be controlled here.  
 Example – from the point of view of logistics and cost point of view, order for certain materials can be taken only for minimum quantity OR delivery can be done with certain minimum quantity due to packaging and transport consideration.

Sales: sales org. 1   Sales: sales org. 2   Sales: general/plant   F...

Material: R-1001   Maxitec-R 3100 Personal computer

Sales Org.: 3020   USA Denver

Distr. Chl: 10   Final customer sales

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**Grouping terms**

Matl statistics grp: 1   Relev. f. statis...   Material pricing grp:

Volume rebate group:    Acct assignment grp:

Gen. item cat. grp: NORM   Standard item   Item category group: ZATP   CRM+ATP Ch...

Pricing ref.material:

Product hierarchy: 001250010000000100   PC ensemble

Commission group:

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**Material groups**

Material group 1:    Material group 2:    Material group 3:

Material group 4:    Material group 5:

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**Product attributes**

Product attribute 1    Product attribute 2    Product attribute 3

Product attribute 4    Product attribute 5    Product attribute 6

Product attribute 7    Product attribute 8    Product attribute 9

Product attribute 10

**Matl statistics grp** - Relevant for update for statistics

Material statistics group (1) 2

Restrictions

Matl st...	Description
1	Relev. f. statistics
2	Not rel. statistics

**Material pricing grp** - It can be used for pricing

Material Pricing Group

Restrictions

MPG	Description
01	Standard Parts
02	Spare parts
S1	
S2	
S3	

Acct assignment grp - Relevant in Revenue account assignment

Account assignment group for this material

Restrictions

AAG	Description
01	Trading goods
02	Services
03	Finished goods
04	Empties
30	Own fees
31	External fees
32	Expenses
L1	Fees
L2	OSIS
L3	Disbursements
L4	Other

Item category group - Used for item category determination

Product hierarchy

In the standard SAP R/3 System, the product hierarchy can have up to 3 levels, each with a specific number of characters.

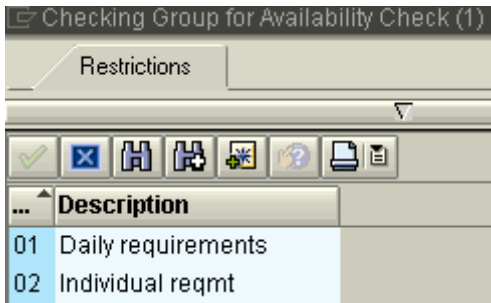
Material group 1 - To classify materials

The screenshot displays the SAP Material Master Data for Material R-1001, Maxitec-R 3100 Personal computer, Plant 3200 Atlanta. The data is organized into several sections:

- General data:**
  - Base Unit of Measure: PC (piece(s))
  - Gross weight: 32 KG
  - Net weight: 31
  - Availability check: 02 (Individual reqmt)
  - Replacement part:
  - Qualifying For FreeGoods:
  - Material freight grp:
  - Appr.batch rec. req.:
  - Batch management:
- Shipping data (times in days):**
  - Trans. grp: 0001
  - On palettes:
  - LoadingGrp: 0002
  - Forklift:
  - Setup time: 0,00
  - Proc. time: 0,00
  - Base qty: 0
  - PC:
- Packaging material data:**
  - Matl Grp Pack.Matls: M030
- General plant parameters:**
  - Neg.stocks:
  - Profit Center: 3500
  - SerialNoProfile: SM01
  - DistProf:
  - SerializLevel:

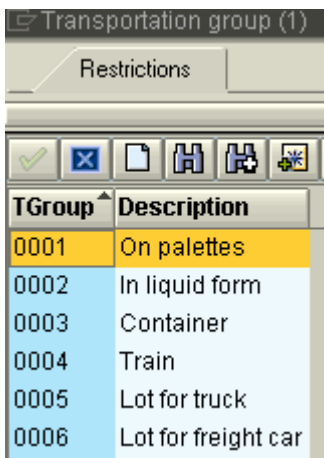
Gross weight and Net weight are expressed in the unit of weight

Availability check - Checking group in combination with checking rule can control the scope of check for availability.



**Batch management** - This needs to be checked so that the material will need to be in batches during sales processing.

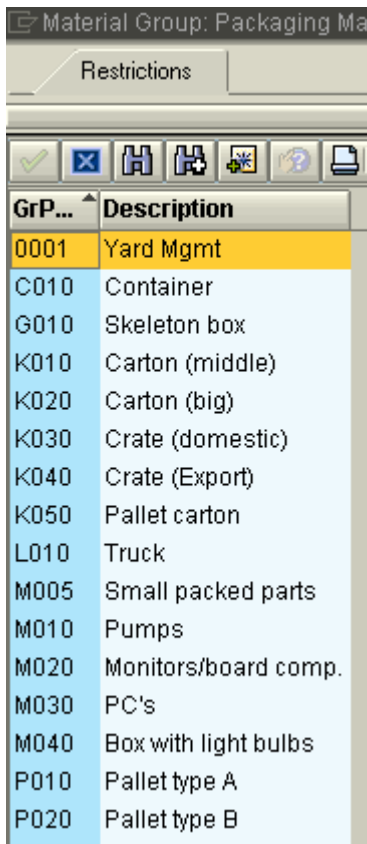
**Trans. grp** - A grouping of materials that share the similar requirements for transportation



**LoadingGrp** - A group of materials that has similar loading requirements. It is used in the determination of shipping point



**Matl Grp Pack.Matls** - It groups together that require similar packaging materials



The screenshot shows a SAP dialog box titled "Material Group: Packaging Ma". It has a "Restrictions" tab and a toolbar with icons for check, close, home, refresh, print, help, and print. Below the toolbar is a table with two columns: "GrP..." and "Description".

GrP...	Description
0001	Yard Mgmt
C010	Container
G010	Skeleton box
K010	Carton (middle)
K020	Carton (big)
K030	Crate (domestic)
K040	Crate (Export)
K050	Pallet carton
L010	Truck
M005	Small packed parts
M010	Pumps
M020	Monitors/board comp.
M030	PC's
M040	Box with light bulbs
P010	Pallet type A
P020	Pallet type B

**SerialNoProfile** **SM01** - If the material is to be managed in serial numbers then serial number profile should be entered here.



