

How to Create a New Material Type in SAP MM

This guide explains how to create a new material type in SAP MM by copying an existing raw material type, and how to edit an existing material type afterward. You will use transaction codes **OMS2** and **OMH2** to access the material types overview and configure your custom material type.

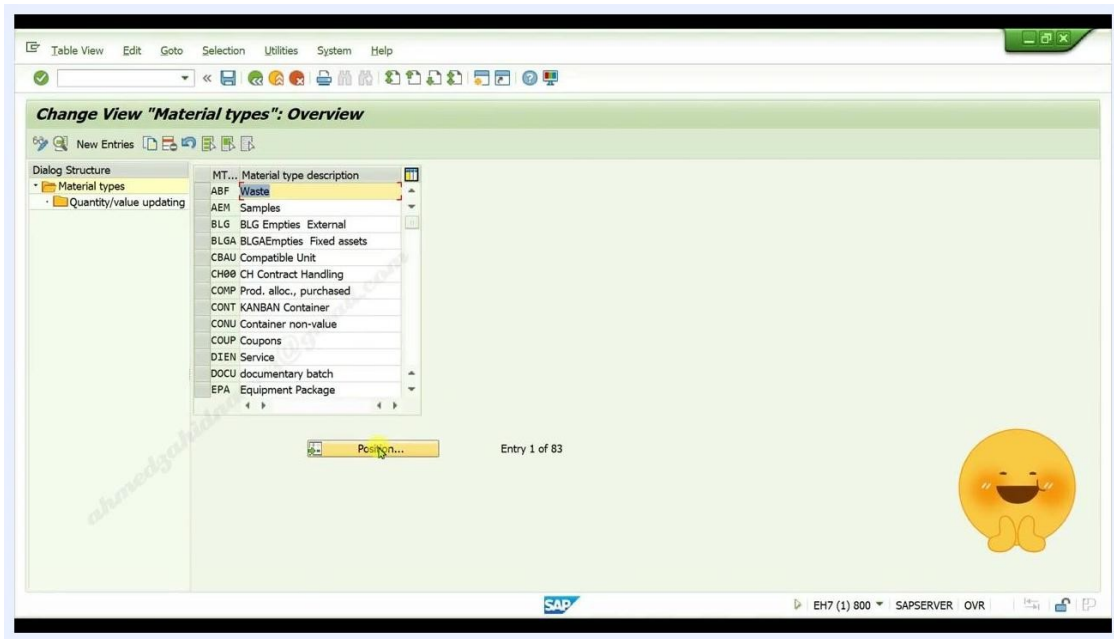
Prerequisites

- Access to the SAP Easy Access screen with authorization to use transaction codes **OMS2** and **OMH2**.
- Knowledge of the material type code and description you want to create (for example, [ZZR3](#)).

Creating a new material type

1. Open the material types overview

Launch the SAP Easy Access screen. In the command field at the top, enter **oms2** and press Enter. The SAP Menu and Favorites folders appear on the left side of the screen.



SAP Easy Access screen with 'oms2' entered in the command field, SAP Menu tree visible

The **Change View "Material types": Overview** screen opens, displaying a list of existing material types and their descriptions. Click the **Position...** button if you want to quickly find a specific material type.

The screenshot shows the SAP 'Change View "Material types": Details of Selected Set' screen. The 'Material Type' field is set to 'ROH' and the 'Raw material' description is visible. The 'Position...' button in the top right corner is highlighted with a yellow box. The screen includes various input fields for general data, special material types, purchase orders, classification, and valuation. A 'User departments' list is on the right, and a cartoon character is in the bottom right corner.

Material types overview list with the Position button highlighted

2. Select the raw material line

Scroll through the list and select the line where:

- **MT** is **ROH**
- **Material type description** is **Raw material**

This highlights the raw material type entry.

The screenshot shows the SAP 'Change View' for 'Material types' with the title 'Details of Selected Set'. The 'Material Type' is 'ROH' and the description is 'Raw material'. The 'General data' section includes fields for 'Field reference' (ROH), 'SRef: material type' (ROH), 'Authorization group', and checkboxes for 'External no. assignment w/o check', 'X-plant matl status', 'Item category group', 'With Qty Structure', and 'Initial Status'. The 'Special material types' section has checkboxes for 'Material is configurable', 'Material f. process', 'Pipeline mandatory', and 'Manufacturer part'. The 'Internal/external purchase orders' section shows 'Ext. Purchase Orders' as 2 and 'Int. purchase orders' as 0. The 'Classification' section has fields for 'Class type' and 'Class'. The 'Valuation' section shows 'Price control' as 'V Moving average price/periodic unit price' and a checked 'Specify target entries' checkbox. On the right, the 'User departments' list includes Status description, Work scheduling, Accounting, Classification, MRP, Purchasing, Production resources/tools, Costing, Basic data, Storage, and Forecasting. A yellow smiley face icon is visible on the right side of the screen. The SAP logo and system information (EH7 (1) 800, SAPSERVER, OVR) are at the bottom.

ROH Raw material line selected in the material types overview list

3. Copy the material type

Click the **Copy as** icon to open the details screen for copying the material type.

4. Enter your own material type code

In the **Material Type** field, replace **ROH** with your own code, for example **zzr3**. The **Raw material** description remains unchanged for now.

The screenshot shows the SAP S/4HANA 'Change View Material types: Details of Selected Set' interface. The 'Material Type' field is highlighted with a yellow box and contains the text 'ROH'. The 'Raw material' description is visible next to it. The interface includes various tabs like 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. The 'General data' section shows 'Field reference' as 'ROH' and 'SRef: material type' as 'ROH'. The 'Special material types' section has checkboxes for 'Material is configurable', 'Material f. process', 'Pipeline mandatory', and 'Manufacturer part'. The 'Internal/external purchase orders' section shows 'Ext. Purchase Orders' as '2' and 'Int. purchase orders' as '0'. The 'Classification' section has 'Class type' and 'Class' fields. The 'Valuation' section shows 'Price control' as 'V Moving average price/periodic unit price'. The 'User departments' section lists various departments like 'Status description', 'Work scheduling', 'Accounting', 'Classification', 'MRP', 'Purchasing', 'Production resources/tools', 'Costing', 'Basic data', 'Storage', and 'Forecasting'. A yellow smiley face icon is visible on the right side of the screen.

Material Type field being edited with the new code 'zzr3' entered

5. Enter your own description

In the **Material type description** field, enter your custom description, for example **ZZR3 Raw material**.

The screenshot displays the SAP S/4HANA Material Master - Change View 'Material types': Details of Selected Set. The material type 'ZZR3' is selected, and the description 'Raw material' is entered in the 'Material type description' field. The interface shows various tabs and fields for material data, including General data, Special material types, Internal/external purchase orders, Classification, and Valuation. A yellow smiley face icon is visible in the bottom right corner.

Material type code 'z zr3' with description being edited

6. Confirm your entries

Press Enter to confirm the new code and description. The fields update to reflect your entries.

The screenshot displays the SAP S/4HANA 'Change View Material types' interface. The title bar reads 'Change View "Material types": Details of Selected Set'. The 'Material Type' field is updated to 'ZZR3' and the description field is updated to 'ZZR3 Raw material'. The 'General data' section includes fields for 'Field reference' (ROH), 'SRef: material type' (ROH), 'Authorization group', and 'External no. assignment w/o check' (checked). The 'Special material types' section has checkboxes for 'Material is configurable', 'Material f. process', 'Pipeline mandatory', and 'Manufacturer part'. The 'Internal/external purchase orders' section shows 'Ext. Purchase Orders' (2) and 'Int. purchase orders' (0). The 'Classification' section has fields for 'Class type' and 'Class'. The 'Valuation' section shows 'Price control' set to 'V Moving average price/periodic unit price'. The 'User departments' list includes Status description, Work scheduling, Accounting, Classification, MRP, Purchasing, Production resources/tools, Costing, Basic data, Storage, and Forecasting. A yellow smiley face icon is visible on the right side of the screen. The SAP logo and system status bar are at the bottom.

Material type and description fields updated to 'ZZR3' and 'ZZR3 Raw material'

7. Save the new material type

Click the **Save** button (disk icon) in the toolbar. If prompted, click **Continue** to confirm any warnings. A message appears at the bottom left of the screen confirming: "Data was saved."

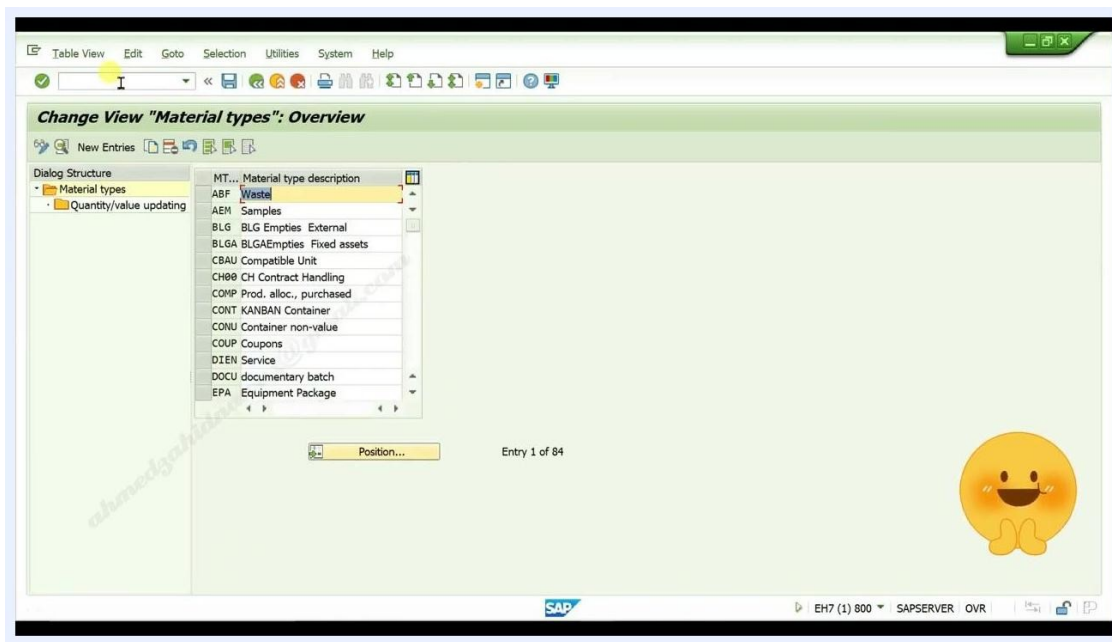
The screenshot shows the 'Change View Material types: Details of Selected Set' dialog box in SAP. The 'Material Type' field is set to 'zzr3' and 'ZZR3 Raw material'. The 'General data' section includes fields for 'Field reference' (ROH), 'SRaf: material type' (ROH), 'Authorization group', and 'X-plant matl status'. The 'Special material types' section has checkboxes for 'Material is configurable', 'Material f. process', 'Pipeline mandatory', and 'Manufacturer part'. The 'Internal/external purchase orders' section shows 'Ext. Purchase Orders' as 2 and 'Int. purchase orders' as 0. The 'Classification' section has fields for 'Class type' and 'Class'. The 'Valuation' section shows 'Price control' as 'V Moving average price/periodic unit price' and 'Specify target entries' checked. The 'User departments' list includes Status description, Work scheduling, Accounting, Classification, MRP, Purchasing, Production resources/tools, Costing, Basic data, Storage, and Forecasting. A yellow smiley face with hands is visible on the right side of the dialog box.

Overview list showing the new material type 'ZZR3 ZZR3 Raw material' with the 'Data was saved' message

Editing an existing material type

8. Open the material types overview

Launch the SAP Easy Access screen. In the command field at the top, enter **omh2** and press Enter. The SAP Menu and Favorites folders appear on the left side of the screen.

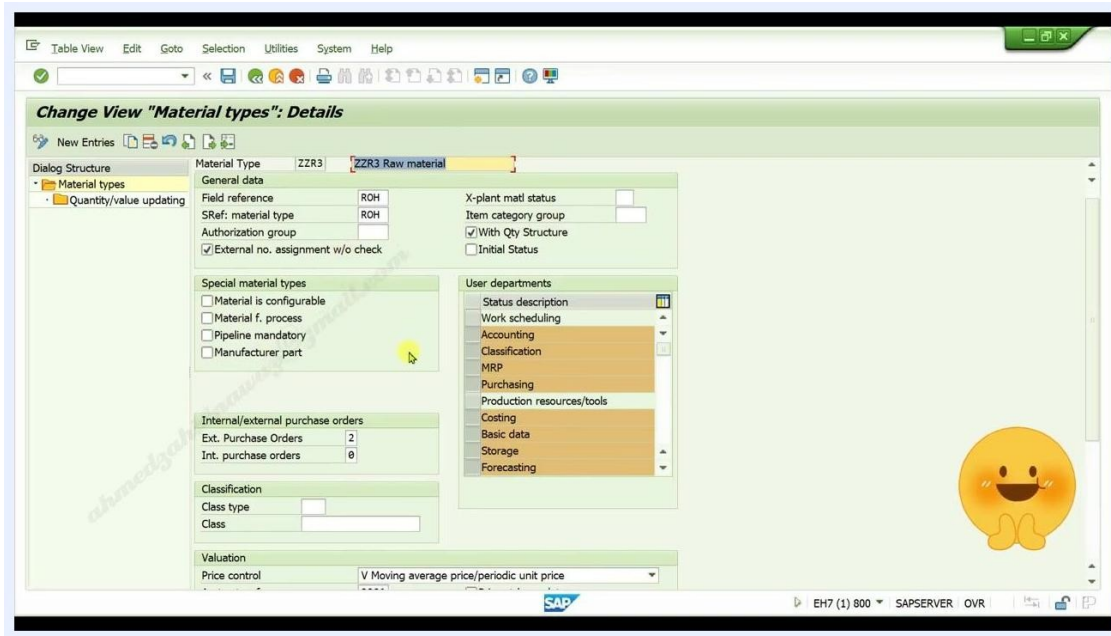


SAP Easy Access screen with the command field ready for input, SAP Menu tree visible

The **Change View "Material types": Overview** screen opens, displaying the list of existing material types and descriptions, with the **Position...** button available below the list.

9. Find your material type

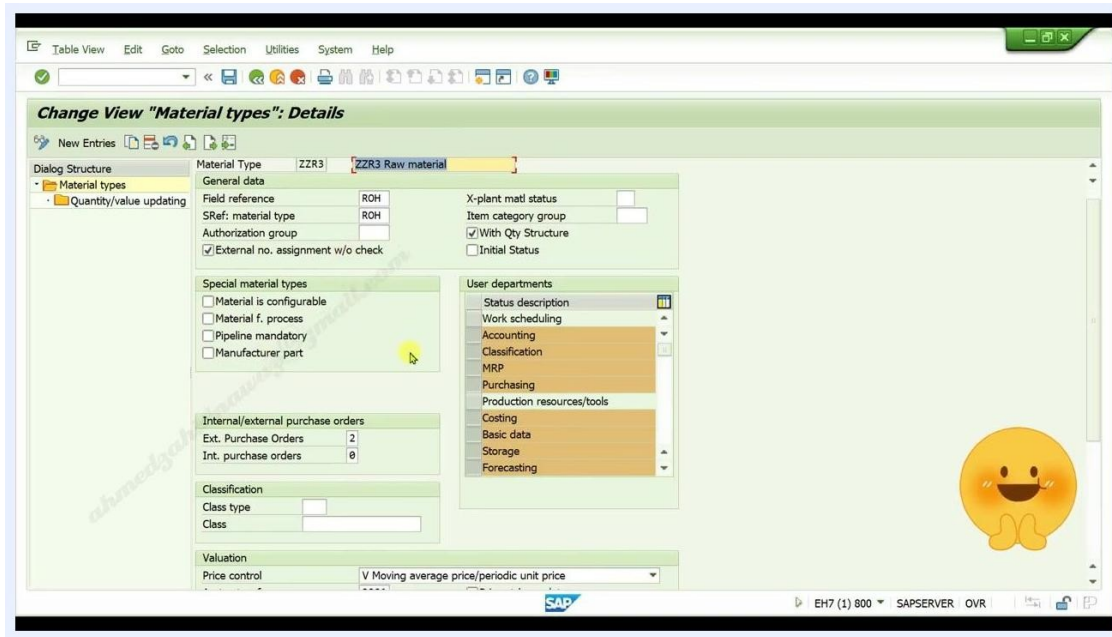
Click the **Position...** button. In the dialog that appears, enter the material type code you created earlier (for example, [ZZR3](#)), and press Enter to navigate directly to it in the list.



Position button being clicked in the material types overview

10. Select and open your material type

Locate your material type (for example, [ZZR3](#)) in the list, then double-click the entry to open its details.



Material types overview with entries visible, ready for selection

11. Edit the material type details

The **Change View "Material types": Details** screen opens. Here, you can edit any of the following fields as needed:

- Material Type (for example, [ZZR3](#))
- Material type description (for example, [ZZR3 Raw material](#))
- Field reference, SRef: material type, Authorization group
- Special material types (checkboxes for configurable, process, pipeline, manufacturer part)
- Internal/external purchase orders
- Classification (Class type, Class)
- Valuation (Price control, etc.)
- User departments (Work scheduling, Accounting, Classification, MRP, Purchasing, etc.)

Make the necessary changes to your material type details.

The screenshot shows the SAP 'Change View Material types: Details' screen for material type ZZR3. The interface includes a menu bar at the top with options like 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the menu bar, there's a toolbar with various icons. The main area is divided into several sections: 'General data' with fields for 'Field reference', 'SRref: material type', 'Authorization group', and 'External no. assignment w/o check'; 'Special material types' with checkboxes for 'Material is configurable', 'Material f. process', 'Pipeline mandatory', and 'Manufacturer part'; 'Internal/external purchase orders' with fields for 'Ext. Purchase Orders' and 'Int. purchase orders'; 'Classification' with fields for 'Class type' and 'Class'; and 'Valuation' with a 'Price control' dropdown. A 'User departments' list is also visible on the right. A yellow cursor is pointing at the 'Material is configurable' checkbox. A yellow smiley face sticker is in the bottom right corner.

Material type details screen for ZZR3 Raw material with editable fields visible

12. Save your changes

After editing, click the **Save** button (disk icon) in the toolbar. A confirmation message appears at the bottom left: "Data already saved."

This screenshot is identical to the previous one, showing the SAP 'Change View Material types: Details' screen for material type ZZR3. The only difference is that a confirmation message 'Data already saved' is now visible in the bottom left corner of the screen. The yellow smiley face sticker remains in the bottom right corner.

Material type details screen showing the 'Data already saved' message

Summary

By following these steps, you can create a new material type in SAP MM by copying an existing raw material type, and efficiently locate and edit the details of your custom material type whenever needed.