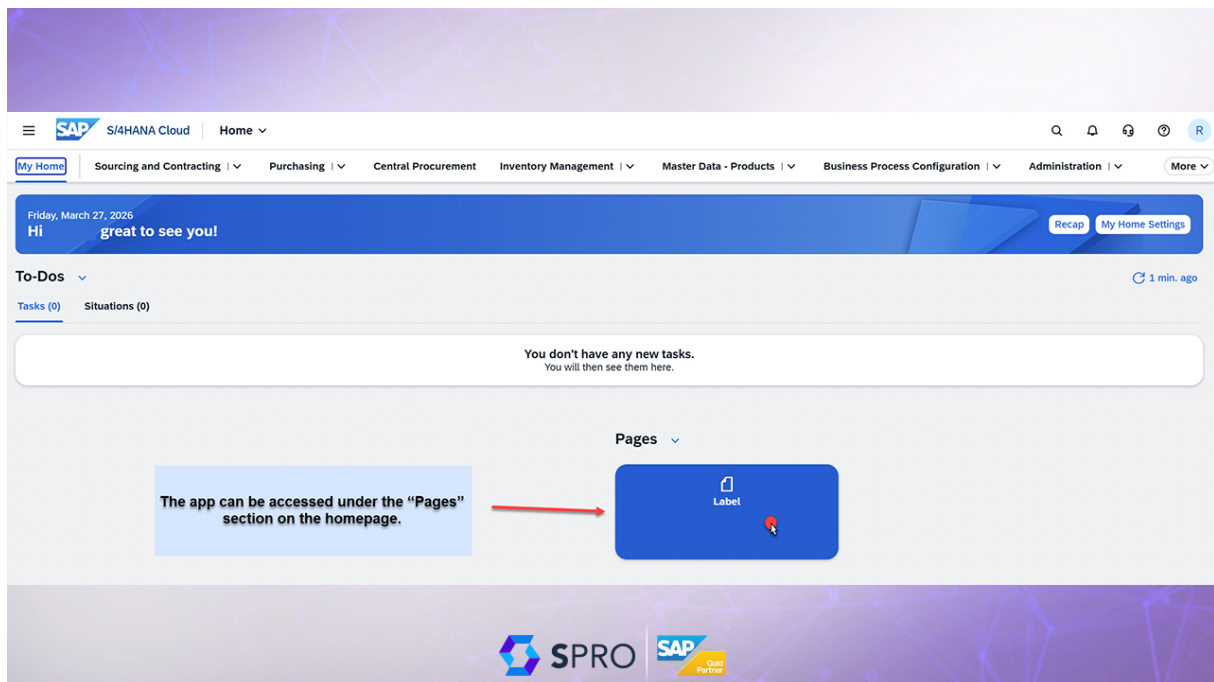


Create and Print QR Labels for Goods Receipt

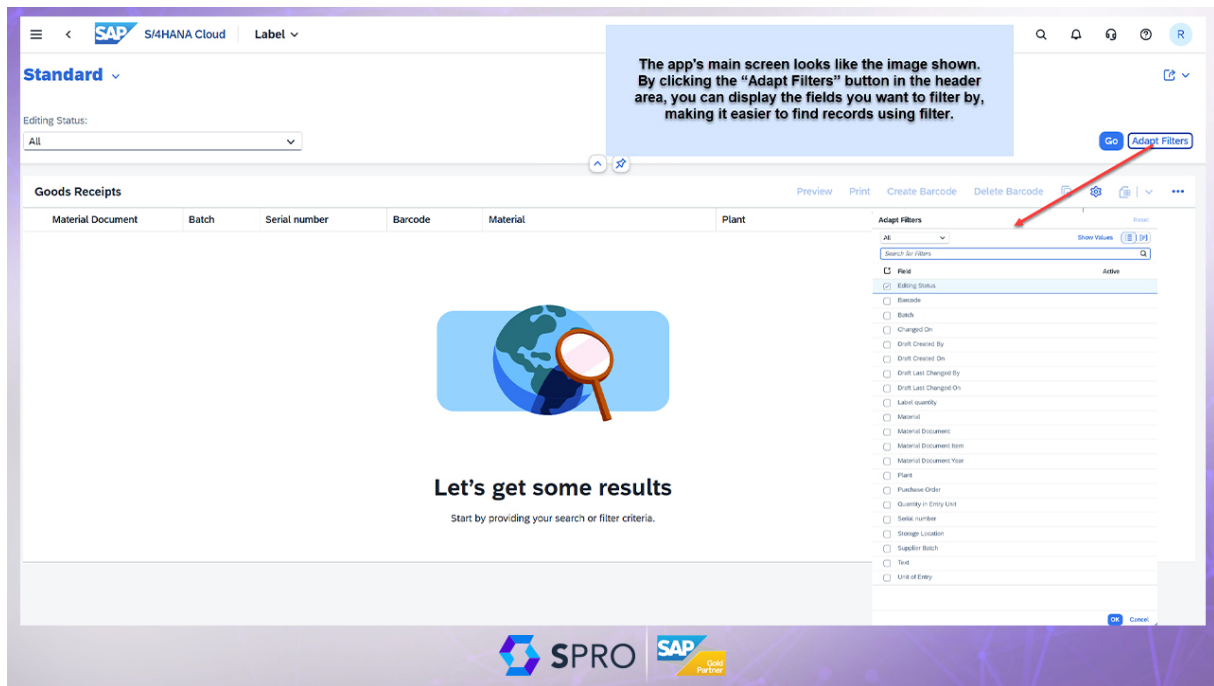
The primary purpose of applying labels or barcodes to products after goods receipt is to facilitate inventory tracking and ensure accuracy and traceability. For this reason, labels are the most important tool for simplifying product identification. With SAP, you can seamlessly generate printouts in a custom-designed label format from your system immediately after the goods receipt process and identify your materials.

This product will appear as shown in the image if you have the appropriate role on your home screen. You can access the screen where the action will be performed by clicking on the application area.



The application's main screen provides filtering options to help you work with your data. For example, if you have a specific purchase order, batch, serial number, material, or material document, you can filter by these fields to find the record you're looking for. To do this, use the "Adapt Filters" button on the screen. You can filter using the relevant fields here as needed. Alternatively, the screen can be run without applying any filters.

To retrieve the relevant records, click the "Go" button.



Once the records appear on the screen, it will look as shown in the image. This screen displays both records for which barcodes have already been generated and records awaiting barcode generation. The columns displayed on the screen will appear as shown in the image by default, but the screen layout can be customized as needed.

Once the required filters have been entered, clicking the "Go" button will display the list of related records. Rows with an empty barcode column indicate that a barcode has not yet been assigned. By default, the screen displays the material number, description, plant and storage location, lot number and serial number for the document, along with quantity and unit of measure information. The layout can be customized as desired using the settings icon marked in purple.

Goods Receipts (1.157)

Material Document	Batch	Serial number	Barcode	Material	Plant	Storage Location	Quantity in Entry Unit
49000000000001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	300 PCE
4900000000010001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Nüve Depo (2001)	100 PCE
4900000000020001/2024			10000000000137	Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	500 PCE
4900000000030001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	1 PCE
49000000000110001/2024			10000000000125	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	15 PCE
49000000000120001/2024			10000000000128	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	3 PCE
49000000000140001/2024			10000000000150	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	5 PCE
49000000000160001/2024			10000000000133	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	5,000 KG
49000000000170001/2024			10000000000139	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	3,000 KG
49000000000180001/2024				26	Demo Plant (01EM)	Ana Depo (1001)	3 PCE
49000000000240001/2024				Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	5 PCE
49000000000250001/2024			10000000000142	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	1,000 KG
49000000000290001/2024			10000000000140	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	5,000 KG
49000000000320001/2024			10000000000130	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	1,000 KG
49000000000330001/2024			10000000000153	Semi Finished Product 2 (23)	Demo Plant (01EM)	Ana Depo (1001)	1,000 KG
49000000000340001/2024				Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	1 PCE
49000000000350001/2024				23-1	Demo Plant (01EM)	Ana Depo (1001)	1,000 KG
49000000000390001/2024				Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	7 PCE
49000000000530001/2024	0000000001		10000000000151	Raw Material 4 (20)	Demo Plant (01EM)	Ana Depo (1001)	10,000 KG
49000000000540001/2024				21	Demo Plant (01EM)	Ana Depo (1001)	10 PCE

The action buttons for records with assigned and unassigned barcodes listed on the screen become available for the selected row. For example, since a barcode cannot be created again for a record that already has one, the “Create Barcode” button is disabled. If you want to create a new barcode, you must first delete the existing one and then create a new one.

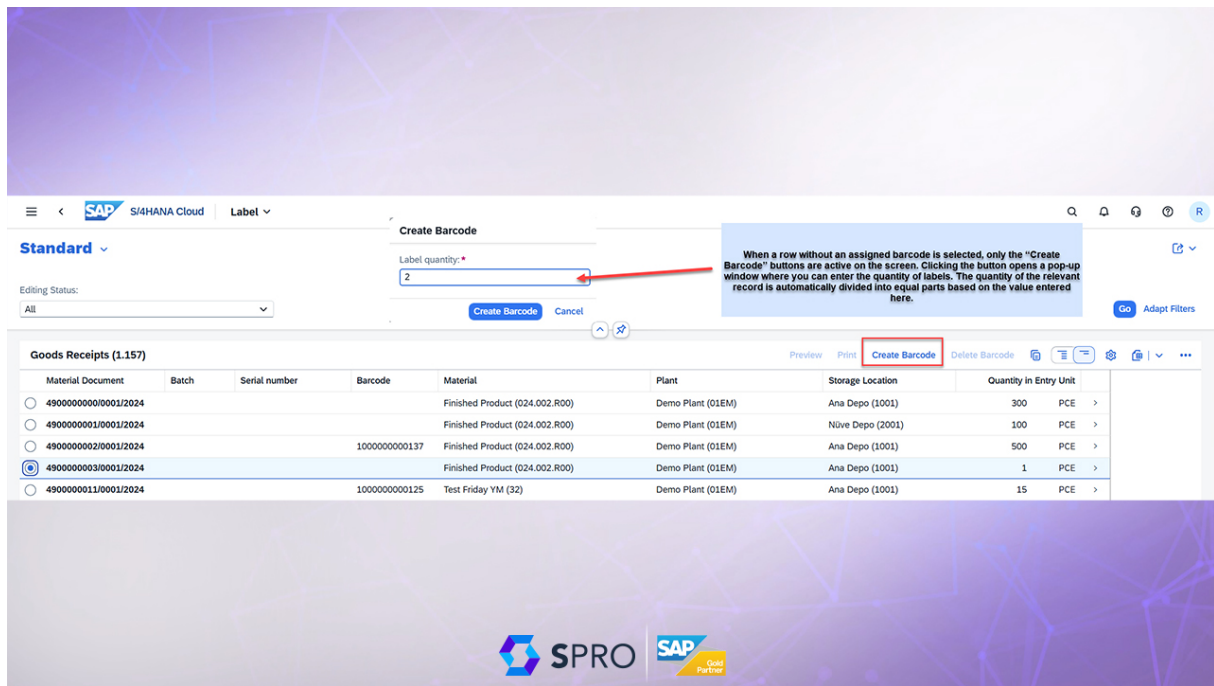
You can view the barcode image for a record with a barcode number either by clicking the “Preview” button on the main screen or by navigating to the row details.

When a row with an assigned barcode is selected, the Preview, Print, and Delete Barcode buttons become active on the screen. The desired action can be performed using these buttons.

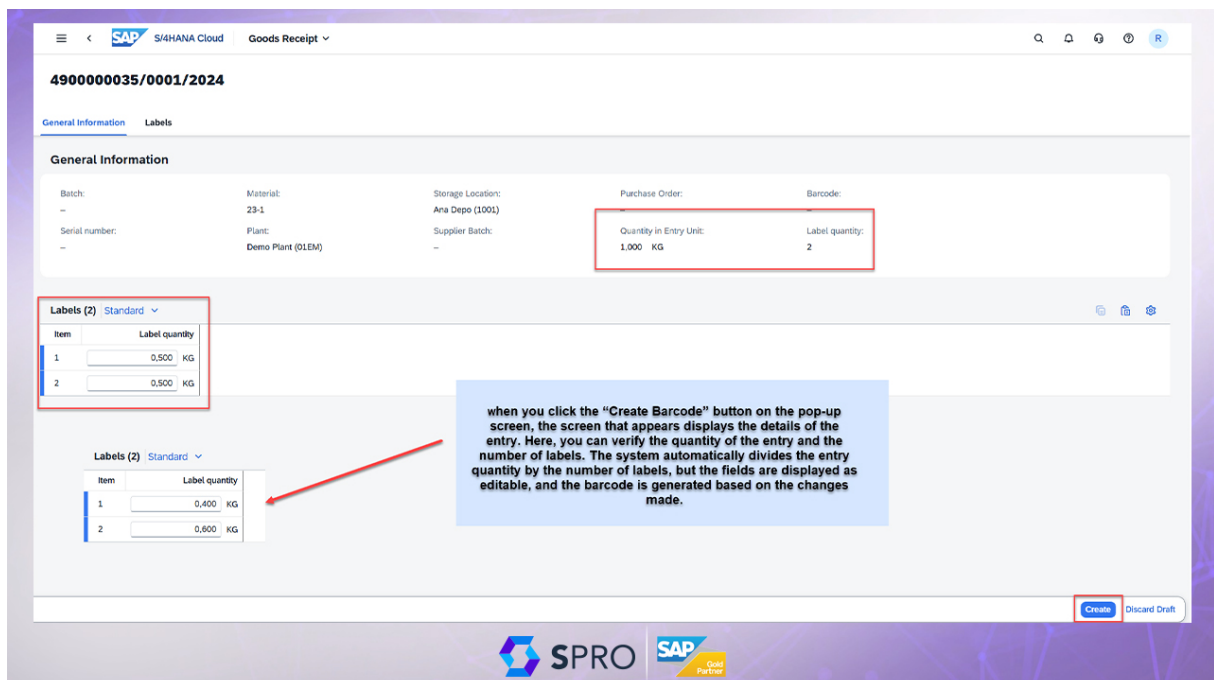
Material Document	Batch	Serial number	Barcode	Material	Plant	Storage Location	Quantity in Entry Unit
4900000001/0001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	300 PCE
4900000001/0001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Növe Depo (2001)	100 PCE
4900000002/0001/2024			100000000137	Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	500 PCE
4900000003/0001/2024				Finished Product (024.002.R00)	Demo Plant (01EM)	Ana Depo (1001)	1 PCE
4900000011/0001/2024			100000000125	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	15 PCE
4900000012/0001/2024			100000000128	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	3 PCE
4900000014/0001/2024			100000000150	Test Friday YM (32)	Demo Plant (01EM)	Ana Depo (1001)	5 PCE

Since the only action that can be performed on a row without a barcode is to create one, only the “Create Barcode” button appears as active. When this button is clicked, a pop-up window appears on the screen. This window allows you to specify the quantity for the label you wish to create.

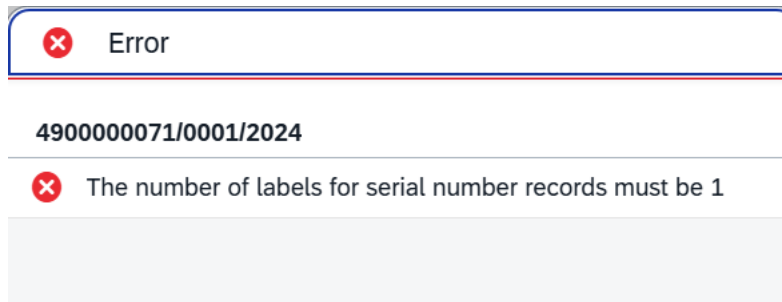
For example, if the data in the selected row shows an entry of 10 kg, entering the value 2 in the pop-up window will cause the system to automatically divide the quantity equally, creating two labels, each with a quantity of 5 kg.



When you click the "Create Barcode" button on the pop-up screen, the system automatically redirects you to the screen shown in the image. This screen displays the detailed information for the label that will be generated. As shown in the example above, the label quantities appear automatically on the screen as depicted in the image. However, these fields can be customized as needed. For example, instead of 5 kg each, the labels can be created as 6 kg and 4 kg.



If the item in the selected record row is tracked by serial number, the default quantity for labels in the pop-up window that appears after clicking the “Create Barcode” button is set to 1. If this value is changed, an error message appears on the screen as shown in the image. Since there cannot be multiple products with the same serial number for serial-numbered items, only a single barcode is generated.



Once the barcode is generated, the screen displaying the barcode details will appear as shown in the image. Here, you can perform various actions related to the generated barcode.

For example, the generated barcode can be viewed; if an error was made, it can be deleted; or it can be printed directly to obtain a physical copy. This allows the barcode to be applied to the item, enabling transactions to be processed both via a handheld terminal and through the system.

The image is a screenshot of the SAP S/4HANA Cloud 'Goods Receipt' screen. The top navigation bar shows the SAP logo, 'S/4HANA Cloud', and 'Goods Receipt'. The main header area displays the barcode '4900000035/0001/2024'. To the right of the barcode, there is a blue information box with text: 'After the barcode is created, a screen displaying the barcode details appears. On this screen, if the barcode was created incorrectly, it can be deleted, previewed, or printed directly. If the record includes a serial number, the system automatically sets the number of labels to 1, corresponding to the quantity. Label designs can be customized for each customer.' To the right of this box are three buttons: 'Delete Barcode', 'Print', and 'Preview'. Below the header, there are two tabs: 'General Information' and 'Label Information'. The 'General Information' tab is active, showing a table with fields: Batch, Material, Storage Location, Purchase Order, Barcode, Serial number, Plant, Supplier Batch, Quantity in Entry Unit, and Label quantity. The 'Label Information' tab is also visible, showing 'Label Data' and 'Barcode Data'. At the bottom, there is a table titled 'Labels (2)' with columns 'Item' and 'Label quantity'. The table shows two rows: Item 1 with a quantity of 0,400 KG, and Item 2 with a quantity of 0,600 KG. The SAP logo and 'SPRO' are visible in the bottom right corner.

Item	Label quantity
1	0,400 KG
2	0,600 KG

If you track your materials in the system using batch numbers or serial numbers, you can display this information on the label in numerical form. If you wish, you can also track the plant and storage location where the goods were received on the label. This is a fully customizable and scalable application.

For this specific product, label designs can be customized for each customer. For example, if different label

designs are used for different production sites or company codes, a design can be created to accommodate this; similarly, if certain fields are required to appear on the label under specific conditions, this can also be accommodated in the label design.

The images below show sample label designs.

Sample label printout for materials without batch and serial number tracking;

Material No: 024.002.R00

Material Description: Finished Product



Order quantity:	500 PCE
Label quantity:	167 PCE

Sample label printout for materials tracked by lot number only;

Material No: 00000000000000000020

Material Description: Raw Material 4



Order quantity: 10 KG
Label quantity: 5 KG

Batch: 00000000001



Sample label printout for items with serial number tracking only;

Material No: 00000000000000000032

Material Description: Test Friday YM



Order quantity: 10 PCE
Label quantity: 10 PCE

Serial Number: A1

