

# Substitute Products

If a product is unavailable after an order has been placed, you can substitute a similar product during the fulfillment process. These substitutes are pre-configured at the product level, and then manually selected by a fulfiller.

This allows you to fulfill the order for the original sale price, improve customer experience by delivering products similar to their desired product, and supports business models that may frequently use substitutes such as groceries.



Currently this feature does not give customers a toggle to indicate whether to allow substitutions on their order or not, nor can they select their substitute products up front. These are the responsibilities of the fulfiller.

This is only supported for OMS + eCommerce or OMS + Catalog implementations.

## Use Cases

If a product is out of stock and not configured for substitutes, then any unavailable quantity must be transferred or rejected. But if a product is configured for substitutions, there are a few different scenarios where it may be useful:

- A product is substituted one-to-one with a different product.
  - For example, 1 quantity of Product A is substituted with 1 quantity of Product B.
- A product is partially substituted with a different product.
  - For example, a shipment requires 5 quantity of Product A but only 2 are in stock. The remaining 3 quantity is substituted with Product B.
  - If there is not enough substitute quantity available to fulfill the original amount, then the remaining quantity can be transferred or rejected. If the above Product B only had 1 quantity available, then that would be substituted into the shipment and a transfer or rejection would be made for the final 2 quantity.
  - Alternatively, more than one substitute product may be used. For example, 1 quantity of Product B and 2 quantity of a Product C could be substituted.



Even if the price is different between the original and substitute products, this feature does not currently support price adjustments and so the order and shipment will retain the original pricing.

## Configure Substitutions

In order to use substitutions in the Fulfiller UI, the feature must be enabled by a tenant setting or feature flag on your tenant. Contact [Kibo Support](#) with a request to enable this feature if you would like fulfillers to access substitutions.

Configure substitutions in your catalog by enabling the substitute property in the [product type configurations](#) for a Standard Product or Configurable Product with Options.

1. Go to **System > Schema > Product Types**.
2. Select a product type that has the Standard or Configurable Product with Options usage type.
3. In the **Properties** tab of the product type settings:
  - If the product is a Standard Product, select the **Substitute Products** attribute. Click **Done** to add it to the product type.
  - If the product is a Configurable Product, then substitutes must be set up at the variant level as each of its product variants has its own product code. Select the **Substitute Variants** attribute instead. Click **Done** to add it to the product type.

4. Click **Save**.

Then, you can select any product of that type in your master catalog and set up its substitute(s). Substitutes may be standard products, variant products, or bundle components.

1. Go to **Main > Catalog > Products**.
2. Click the product that you want to configure substitutes for.
3. In the **Properties** tab of the product settings:
  - If the product usage is Standard Product, use the **Substitute Products** field to select eligible products as substitutes.

- If the product usage is Configurable Product with Options, use the **Substitute Variants** field to select eligible variants as substitutes.
4. Click **Save** when you have finished adding all desired substitutes to your product.



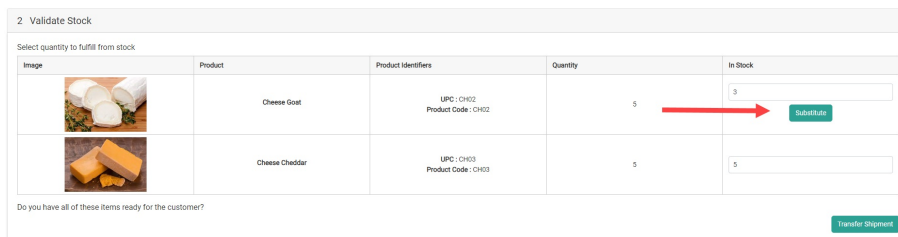
There is a limit of 10 substitutes per product. If you don't want to use substitutes for a particular product, then you simply do not have to select any in its product configurations (even if it belongs to a product type enabled for substitutions).

# Substitutions in Fulfiller UI

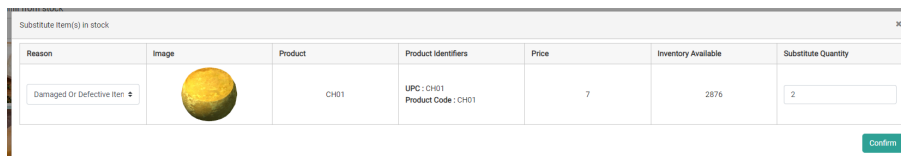
Substitutions are available for all fulfillment types except Curbside or Delivery. Items that include Assembly are not able to be substituted.

Substitutions occur in the Validate Stock step of shipment fulfillment and are independent of any reassignments or transfers. When a non-Assembly item in an **STH** or **BOPIS** (not Curbside or Delivery) shipment is unavailable and substitutions are set up for the product, the **Substitute** button will be displayed for that item.

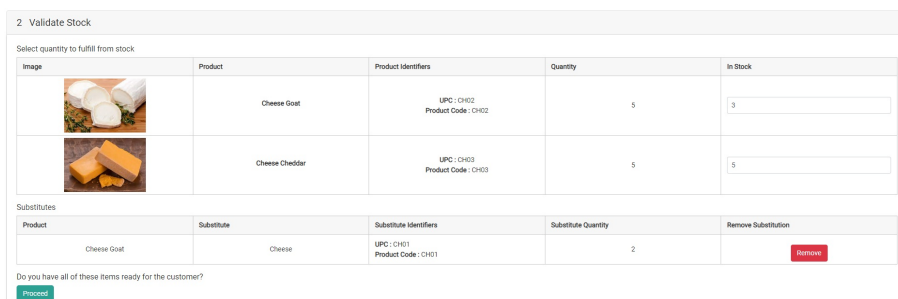
1. At the Validate Stock step, if the In Stock Quantity is less than the required Quantity then the **Substitute** button will appear next to that line item. Click this button to begin the substitution process.



2. Eligible substitutes and their available inventory at the fulfillment location will be displayed. Enter the quantity of the substitute(s) you want to use and a reason for the substitution.





3. Click **Confirm**.
4. The substitutes will be displayed in a new table underneath the original line items, where you can click **Remove** to remove them from the shipment if desired.



5. You can now continue with the fulfillment process as usual. The substitute item's inventory will be allocated while the original item's quantity will be deallocated. The substitutions will also be included on any packing slips and pick sheets.

Once a substitution has been made, information about the item and substituted quantity is listed on the shipment details and can be displayed in Shipment Confirmation notifications.

Shipment Details		Customer Information		Shipment History		Shipment Notes		Internal Order Notes	
Shipment Details									
Image	Product	Product Identifiers	Quantity	Unit Price	Discount	Subtotal			
	Cheese Goat	UPC: CH02 Product Code: CH02	1		USD \$5.99	USD \$0.00	USD \$5.99		
	Cheese Cheddar	UPC: CH03 Product Code: CH03	1		USD \$5.99	USD \$0.00	USD \$5.99		
Substitutes									
Product	Substitute	Substitute Identifiers	Substitute Quantity	Unit Price	Discount	Subtotal			
Cheese Goat	Cheese Goat	UPC: CH02 Product Code: CH02	1		USD \$5.99	USD \$0.00	USD \$5.99		
Cheese Goat	Cheese Goat	UPC: CH03 Product Code: CH03	1		USD \$5.99	USD \$0.00	USD \$5.99		
Cheese Cheddar	Cheese Cheddar	UPC: CH03 Product Code: CH03	1		USD \$5.99	USD \$0.00	USD \$5.99		
						Subtotal	USD \$99.90		
						Adjustment	(USD \$0.00)		
						Shipping and Handling	USD \$0.00		
						Tax	USD \$0.00		
						Total	USD \$99.90		

## Cancel and Return Substitutions

If the original line item is cancelled from the shipment, any associated substitute item(s) will be removed from the shipment as well.

If a substitute item is returnable, then it will be listed in [the Create Return and Process Return modals](#). Substitutes will be labelled to help identify them and which shipment item they were originally substituted for.

**Create Return**

Select Items	Product	Shipped By	Quantity Shipped	Quantity to Return	Reason
<input type="checkbox"/>	Cheese - Substitutable UPC: CH05	Belethor's General Goods	4		
<input type="checkbox"/>	CH06 - Substitutable UPC: CH06	Belethor's General Goods	3		
<input checked="" type="checkbox"/>	Cheese UPC: CH01 <i>Substitute for: Cheese - Substitutable</i>	Belethor's General Goods	1	1	Different Expectations
<input checked="" type="checkbox"/>	Cheese Goat UPC: CH02 <i>Substitute for: CH06 - Substitutable</i>	Belethor's General Goods	2	2	Different Expectations

Return Location: Belethor's General Goods

**Process Return**

Return #142  
Return Address: 4861 Sunny Day Drive, Irvine, CA 92664

Select Items	Product	Shipped By	Refund S&H	Quantity	Reason
<input checked="" type="checkbox"/>	Cheese UPC: CH01 <i>Substitute for: Cheese - Substitutable</i>	Belethor's General Goods	<input type="checkbox"/>	1	Different Expectations
<input checked="" type="checkbox"/>	Cheese Goat UPC: CH02 <i>Substitute for: CH06 - Substitutable</i>	Belethor's General Goods	<input type="checkbox"/>	2	Different Expectations

Return Reduction: USD \$ 0