

# Required Fields by Workflow

## – Marks and Spencer

### Introduction

The following are the various fields that Marks and Spencer requires in order to onboard and send data through the Rithum platform.

These are the fields required by Marks and Spencer for you to create any of this data within the platform. Note that these are fields required by Marks and Spencer and may or may not overlap with Rithum's required fields.

**These Required Fields pertain to all import methods (such as EDI File, CSV file, XLS file).**

## Order

The primary data you will need to retrieve from Rithum is from new orders. The Order fields listed below are required by Marks and Spencer (M&S).

**Note:** *Optional fields are shaded in grey. Conditionally required fields for Click and Collect orders are in peach.*

Field	CSV	EDI	API	Notes
Purchase Order Number	po_number	BEG03	poNumber	
Ship Name	ship_name	N/A	order[ship[name]]	
Ship Address Type	ship_address_type	REF02 (4C Qualifier - N1 Loop)	order[ship[addressType]]	
Ship Attention	ship_attention	N202 (ST qualifier)	shipping[attention]	
Ship First Name	ship_first_name	N102 (ST qualifier)	shipping[firstName]	
Ship Last Name	ship_last_name	N102 (ST qualifier)	shipping[lastName]	
Ship Company	ship_company	N201 (ST qualifier)	shipping[company]	The M&S store name will be sent in this field for Click and Collect orders.
Ship Address 1	ship_address_1	N301 (ST qualifier)	shipping[address1]	If Delivery Method = <b>Ship to customer</b> , the customer's home address will be sent.  If Delivery Method = <b>In store pickup</b> , the M&S store address will be sent.
Ship Address 2	ship_address_2	N302 (ST qualifier)	shipping[address2]	
Ship Address 3	ship_address_3	N302 (ST qualifier)	shipping[address3]	
Ship City	ship_city	N401 (ST qualifier)	shipping[city]	
Ship Region	ship_region	N402 (ST qualifier)	shipping[region]	

Field	CSV	EDI	API	Notes
Ship Postal	ship_postal	N403 (ST qualifier)	shipping[postal]	
Ship Country	ship_country	N404 (ST qualifier)	shipping[country]	
Ship Phone	ship_phone	PER04 (PER*OC)	shipping[phone]	
Ship Email	ship_email	PER06 (PER*OC)	shipping[email]	
Ship Store Number	ship_store_number	REF*ZZ*ship_store_number	shipping[storeNumber]	The M&S store number reference will be sent in this field for Click and Collect orders only, to be used by the supplier on the Click and Collect label when shipping.
Ship Carrier	ship_carrier	TD503	shipCarrier	
Ship Method	ship_method	TD504	shipMethod	
Shipping Service-level Code	shipping_service_level_code	TD505	shippingServiceLevelCode	
Signature Required Flag	signature_required_flag	TD405 (OTD qualifier)	signatureRequiredFlag	
Ship Instructions	ship_instructions	MTX*LAB*ship_instructions	shipInstructions	
Retailer Create Date	retailer_create_date	DTM*004	retailerCreateDate	
Channel	channel	REF*ZZ*channel	channel	
Test Flag	test_flag	REF*ZZ*test_flag	testFlag	
Consumer Order Number	consumer_order_number	N901*CO	consumerOrderNumber	

Field	CSV	EDI	API	Notes
Currency Code	currency_code	CUR*BY*USD	currencyCode	
Marketing Message	marketing_message	MTX*MKN*marketing_message	marketingMessage	
Returns Message	returns_message	MTX*GPL*returns_message	returnsMessage	
Message	message	MTX*INT*message	message	
Gift Flag	gift_flag	REF*ZZ*gift_flag	giftFlag	
Gift Message	gift_message	MTX*EAJ*gift_message	giftMessage	
Gift To Name	gift_to_name	N1*GIR	giftToName	
Gift From Name	gift_from_name	N1*BY	giftFromName	
Order Total Amount	order_total_amount	SAC*C*ZZZZ***order_total_amount	order[orderTotalAmount]	
Line Item Line Number	line_item_line_number	PO101	lineItems[lineNumber]	
Line Item SKU	line_item_sku	PO1*SK or LIN*SK	lineItems[sku]	
Line Item UPC	line_item_upc	PO1*UP or LIN*UP	lineItems[upc]	
Line Item EAN	line_item_ean	PO1*EN or	lineItems[ean]	

Field	CSV	EDI	API	Notes
		LIN*EN		
Line Item GTIN	line_item_gtin	PO1*UK	item[gtin]	
Line Item Partner SKU	line_item_partner_sku	PO1*BP or LIN*ZZ*partner_sku	lineItems[partnerSku]	
Line Item Retailer Item ID	line_item_retailer_item_id_1	PO1*CB or REF*ZZ*line_item_retailer_item_id_x	retailerItemIds[ID]	
Line Item Quantity	line_item_quantity	PO102	lineItems[quantity]	
Line Item Title	line_item_title	PO1*PD	lineItems[title]	
Line Item Color	line_item_color	LIN*CL	lineItems[color]	
Line Item Size	line_item_size	LIN*IZ	lineItems[size]	
Line Item Expected Cost	line_item_expected_cost	PO104	lineItems[expectedCost]	
Line Item Product Group	line_item_product_group	PID01="F" PID02="08" PID05=Product Group	order[lineItems[item[productGroup]]]	

Field	CSV	EDI	API	Notes
Line Item Expected Delivery Date or Line Item Required Delivery Date	line_item_expected_delivery_date or line_item_required_delivery_date	DTM01="074" or DTM01="996"	item[expected_delivery_date] or item[required_delivery_date]	<p><b>Line Item Expected Delivery Date</b> is used for line items that must be delivered on or before this date.</p> <p><b>Line Item Required Delivery Date</b> is used for line items that must be delivered on this exact date, not before or after.</p> <p><b>Note:</b> M&amp;S will always use and send <b>Line Item Required Delivery Date</b> for any Click and Collect orders (where Delivery Method = "In_store_pickup")</p>
Line Item Cancel After Date	line_item_cancel_after_date	DTM="175"	item[cancel_after_date]	
Line Item Ship By Date	line_item_ship_by_date	DTM="038"	item[ship_by_date]	
Line Item Personalization	line_item_personalization	REF*ZZ*line_item_personalization	lineItems[personalization]	
Line Item Gift Flag	line_item_gift_flag	LIN*ZZ*line_item_gift_flag	lineItems[giftFlag]	
Line Item Gift To Name	line_item_gift_to_name	N1*GIR	lineItems[giftToName]	
Line Item Gift From Name	line_item_gift_from_name	N1*BY	lineItems[giftFromName]	
Line Item Gift Message	line_item_gift_message	MTX*EAJ*line_item_gift_message	lineItems[giftMessage]	
Line Item Packing Slip Message	line_item_packing_slip_message	MTX*OTH*line_item_packing_slip_message	lineItems[packingSlipMessage]	
Line Item Packing Instructions	line_item_packing_instructions	MTX*PKG*line_item_packing_instructions	lineItems[packingInstructions]	

Field	CSV	EDI	API	Notes
Line Item Ship Instructions	line_item_ship_instructions	MTX*INT*line_item_ship_instructions	lineItems[shipInstructions]	
Line Item Department ID	line_item_department_id	N104 (OH qualifier)	lineItems[departmentId]	
Line Item Department Name	line_item_department_name	N1*OH	lineItems[departmentName]	
Number of Line Items	number_of_line_items	CTT01	numberOfLineItems	
Business Rule Code	business_rule_code	REF02	businessRuleCode	If <b>PACK</b> is sent, a packing slip will be created.  If <b>NOPACK</b> is sent, no packing slip will be created.
Delivery Method	delivery_method	MTX*DEL	deliveryMethod	<b>Ship_to_customer</b> will be sent for home delivery orders.  <b>In_store_pickup</b> will be sent for Click and Collect orders.
Cross Dock Location Name	cross_dock_location_name	N102, Header	crossDockLocation[name]	Used for Click and Collect orders.
Cross Dock Location Code	cross_dock_location_code	REF*ZZ*cross_dock_location_code	crossDockLocation[locationcode]	Used for Click and Collect orders.  Must be on the Click and Collect label (generated by the supplier), for use by the M&S Logistics team when scanning Click and Collect orders at the M&S warehouse.

Field	CSV	EDI	API	Notes
Cross Dock Location Attention	cross_dock_location_attention	N202, Header	crossDockLocation[attention]	Used for Click and Collect orders.
Cross Dock Location Company	cross_dock_location_company	N201, Header	crossDockLocation[company]	Used for Click and Collect orders.
Cross Dock Location Address Type	cross_dock_location_addresses_type	REF02, Header	crossDockLocation[addressType]	Used for Click and Collect orders.
Cross Dock Location Address 1	cross_dock_location_addresses_1	N301, Header	crossDockLocation[address]	Used for Click and Collect orders.
Cross Dock Location Address 2	cross_dock_location_addresses_2	N302, Header	crossDockLocation[address]	Used for Click and Collect orders.
Cross Dock Location City	cross_dock_location_city	N401, Header	crossDockLocation[city]	Used for Click and Collect orders.
Cross Dock Location County	cross_dock_location_country	N406, Header	crossDockLocation[county]	Used for Click and Collect orders.
Cross Dock Location Postal	cross_dock_location_postal	N403, Header	crossDockLocation[postal]	Used for Click and Collect orders.
Cross Dock Location Country	cross_dock_location_country	N404, Header	crossDockLocation[country]	Used for Click and Collect orders.

Field	CSV	EDI	API	Notes
Cross-Dock Expected Delivery Date	expected_cross_dock_delivery_date	DTM*073, Header	expectedCrossDockDeliveryDate	Used for Click and Collect orders.  Date by which a Click and Collect order needs to be delivered to an M&S warehouse. M&S customers can only choose a single date if all lines are Click and Collect. This header level value will be populated by Rithum as a roll-up of line-level values sent by M&S.
Cross-Dock Store Number	cross_dock_location_store_number	REF*ZZ*cross_dock_store_number, Header	crossDockLocation[storeNumber]	Used for Click and Collect orders.  Used by M&S to send the OMS Delivery Ref field (for example "5322623783"). Suppliers can use/map this field to generate Click and Collect labels.
Cross Dock Location Customer Number	cross_dock_location_customer_number	N104, Header	crossDockLocation[customerNumber]	Used for Click and Collect orders.
Cross Dock Location Email	cross_dock_location_email	PER05, Header	crossDockLocation[email]	Used for Click and Collect orders.
Cross Dock Location Night Phone	cross_dock_location_night_phone	PER08, Header	crossDockLocation[nightPhone]	Used for Click and Collect orders.
Cross Dock Location Phone	cross_dock_location_phone	PER04, Header	crossDockLocation[phone]	Used for Click and Collect orders.
Line Item Cross Dock Location Name	line_item_cross_dock_location_name	N102, Item Detail	lineItems[crossDockLocation.name]	Used for Click and Collect orders.

Field	CSV	EDI	API	Notes
Line Item Cross Dock Location Code	line_item_cross_dock_location_code	PO1*CD	lineItems[crossDockLocation.locationcode]	Used for Click and Collect orders.  Must be on the Click and Collect label (generated by the supplier), for use by the M&S Logistics team when scanning Click and Collect orders at the M&S warehouse.
Line Item Cross-Dock Location Attention	line_item_cross_dock_location_attention	N202, Item Detail	lineItems[crossDockLocation[attention]]	Used for Click and Collect orders.
Line Item Cross Dock Location Company	line_item_cross_dock_location_company	N201, Item Detail	lineItems[crossDockLocation[company]]	Used for Click and Collect orders.
Line Item Cross-Dock Location Address Type	line_item_cross_dock_location_address_type	REF02, Item Detail	lineItems[crossDockLocation[addressType]]	Used for Click and Collect orders.
Line Item Cross Dock Location Address 1	line_item_cross_dock_location_address_1	N301, Item Detail	lineItems[crossDockLocation[address]]	Used for Click and Collect orders.
Line Item Cross Dock Location Address 2	line_item_cross_dock_location_address_2	N302, Item Detail	lineItems[crossDockLocation[address]]	Used for Click and Collect orders.
Line Item Cross Dock Location City	line_item_cross_dock_location_city	N401, Item Detail	lineItems[crossDockLocation[city]]	Used for Click and Collect orders.
Line Item Cross Dock Location Region	line_item_cross_dock_location_region	N402, Item Detail	lineItems[crossDockLocation[region]]	Used for Click and Collect orders.
Line Item Cross Dock Location County	line_item_cross_dock_location_county	N405, Item Detail	lineItems[crossDockLocation[county]]	Used for Click and Collect orders.

Field	CSV	EDI	API	Notes
Line Item Cross Dock Location Postal	line_item_cross_dock_location_postal	N403, Item Detail	lineItems[crossDockLocation[postal]]	Used for Click and Collect orders.
Line Item Cross Dock Location Country	line_item_cross_dock_location_country	N404, Item Detail	lineItems[crossDockLocation[country]]	Used for Click and Collect orders.
Line Item Cross-Dock Expected Delivery Date	line_item_expected_cross_dock_delivery_date	DTM*073, Item Detail	lineItems[expectedCrossDockDeliveryDate]	Used for Click and Collect orders. Date by which a Click and Collect order needs to be delivered to a M&S warehouse.
Line Item Cross-Dock Location Store Number	line_item_cross_dock_location_store_number	PO1*NU, Item Detail	lineItems[crossDockLocation[storeNumber]]	Used for Click and Collect orders.  Used by M&S to send the OMS Delivery Ref field (e.g. "5322623783"). Suppliers can use/map this field to generate Click and Collect labels.
Line Item Cross Dock Location Customer Number	line_item_cross_dock_location_customer_number	N104, Item Detail	lineItems[crossDockLocation[customerNumber]]	Used for Click and Collect orders.
Line Item Cross Dock Location Email	line_item_cross_dock_location_email	PER06, Item Detail	lineItems[crossDockLocation[email]]	Used for Click and Collect orders.
Line Item Cross Dock Location Phone	line_item_cross_dock_location_phone	PER03, Item Detail	lineItems[crossDockLocation[phone]]	Used for Click and Collect orders.
Line Item Cross Dock Location Night Phone	line_item_cross_dock_location_night_phone	PER08, Item Detail	lineItems[crossDockLocation[nightPhone]]	Used for Click and Collect orders.

## Inventory

**Note:** Optional fields are shaded in grey.

Field	CSV	EDI	API	Notes
SKU	sku	LIN*SK	sku	
UPC	upc	LIN*UP	upc	The Universal Product Code (UPC) must be 6 or 12 characters.
EAN	ean	LIN*EN	ean	The European Article Number (EAN) must be 8 or 13 characters.
MPN	mpn	LIN*MG	mpn	
Title	title	PID05	title	
Quantity Available to Sell	quantity_available	QTY02	quantityAvailable	
Item Status	status	REF*ZZ*status	status	
Quantity On Order	quantity_on_order	SCH01	quantityOnOrder	
Estimated Availability Date	estimated_availability_date	SCH06 (018 qualifier)	estimatedAvailabilityDate	
Warehouse Code	warehouse_code_1	LS*REF	warehouses[code]	
Warehouse Retailer Code	warehouse_retailer_code_1	LS*REF	warehouses[retailerCode]	

Field	CSV	EDI	API	Notes
Warehouse Quantity	warehouse_quantity_1	QTY02 when an N1 segment is present	warehouses[quantity]	
Warehouse Quantity On Order	warehouse_quantity_on_order_1	N/A	warehouses[quantityOnOrder]	
Warehouse Estimated Availability Date	warehouse_estimated_availability_date_1	N/A	warehouses[estimatedAvailabilityDate]	

## Shipment

**Note:** Optional fields are shaded in grey. Conditionally required fields for Click and Collect orders are in peach.

Field	CSV	EDI	API	Notes
Purchase Order Number	po_number	PRF01	poNumber	
Consumer Order Number	consumer_order_number	REF*CO	consumerOrderNumber	
Currency Code	currency_code	CUR*BY*USD	currencyCode	
Ship-To Name	ship_to_name	N/A	shipments[shipTo.name]	
Ship-To Address	ship_to_address	N/A	shipments[shipTo.address]	
Ship-To Address Type	ship_to_address_type	REF02 (4C Qualifier - N1 Loop)	shipments[shipTo[addressType]]	
Ship-To Attention	ship_to_attention	N202 (ST qualifier)	shipTo[attention]	
Ship-To First Name	ship_to_first_name	N102 (ST qualifier)	shipTo[firstName]	
Ship-To Last Name	ship_to_last_name	N102 (ST qualifier)	shipTo[lastName]	
Ship-To Company	ship_to_company	N201 (ST qualifier)	shipTo[company]	
Ship-To Address 1	ship_to_address_1	N301 (ST qualifier)	shipTo[address1]	
Ship-To Address 2	ship_to_address_2	N302 (ST qualifier)	shipTo[address2]	
Ship-To City	ship_to_city	N401 (ST qualifier)	shipTo[city]	
Ship-To Region	ship_to_region	N402 (ST qualifier)	shipTo[region]	

Field	CSV	EDI	API	Notes
Ship-To Postal	ship_to_postal	N403 (ST qualifier)	shipTo[postal]	
Ship-To Country	ship_to_country	N404 (ST qualifier)	shipTo[country]	
Ship-To Phone	ship_to_phone	PER04 (PER*OC**TE)	shipTo[phone]	
Ship-To Email	ship_to_email	PER06 (PER*OC****EM)	shipTo[email]	
Ship-To Store Number	ship_to_store_number	REF*ZZ*ship_store_number	shipTo[storeNumber]	
Ship-From Name	ship_from_name	N/A	shipments[shipFrom[name]]	
Ship-From Address	ship_from_address	N/A	shipments[shipFrom[address]]	
Ship-From Address Type	ship_from_address_type	REF02 (4C Qualifier - N1 Loop)	shipments[shipFrom[addressType]]	
Ship-From Attention	ship_from_attention	N202 (SF qualifier)	shipFrom[attention]	
Ship-From First Name	ship_from_first_name	N102 (SF qualifier)	shipFrom[firstName]	
Ship-From Last Name	ship_from_last_name	N102 (SF qualifier)	shipFrom[lastName]	
Ship-From Company	ship_from_company	N201 (SF qualifier)	shipFrom[company]	
Ship-From Address 1	ship_from_address_1	N301 (SF qualifier)	shipFrom[address1]	
Ship-From Address 2	ship_from_address_2	N302 (ST qualifier)	shipFrom[address2]	
Ship-From City	ship_from_city	N401 (SF qualifier)	shipFrom[city]	
Ship-From Region	ship_from_region	N402 (SF qualifier)	shipFrom[region]	

Field	CSV	EDI	API	Notes
Ship-From Postal	ship_from_postal	N403 (SF qualifier)	shipFrom[postal]	
Ship-From Country	ship_from_country	N404 (SF qualifier)	shipFrom[country]	
Ship-From Phone	ship_from_phone	PER04 (PER*IC**TE)	shipFrom[phone]	
Ship-From Email	ship_from_email	PER06 (PER*IC****EM)	shipFrom[email]	
Ship-From Location Code	ship_from_location_code	N/A	shipFrom[locationCode]	
Retailer Ship Carrier	retailer_ship_carrier	N/A	retailerShipCarrier	
Retailer Ship Method	retailer_ship_method	N/A	retailerShipMethod	
Retailer Shipping Service-level Code	retailer_shipping_service_level_code	N/A	retailerShippingServiceLevelCode	
Retailer Expected Delivery Date	retailer_expected_delivery_date	N/A	retailerExpectedDeliveryDate	
Retailer Required Delivery Date	retailer_required_delivery_date	N/A	retailerRequiredDeliveryDate	
Requested Supplier Warehouse Code	requested_warehouse_code	REF*ZZ*requested_warehouse_code	shipments[requestedWarehouseCode]	

Field	CSV	EDI	API	Notes
Package Tracking Number	package_tracking_number	REF*CN	shipments[trackingNumber]	<p>For ship-to customer orders, provide the tracking number for the package. If the package does not have a tracking number (e.g., for an untracked service), enter a unique value for each package associated to an order in this field (e.g., <b>Pack1, Pack2</b>, etc.) and then enter <b>1</b> in the <b>Untracked</b> field.</p> <p>For Click and Collect orders, provide the tracking number of the large box containing multiple M&amp;S Click and Collect orders for that day.</p>
Untracked	untracked	REF03	shipments[untracked]	<p>If the carrier service does not provide a tracking number, use</p> <p><b>1</b> = for untracked carrier</p> <p><b>0</b> = for tracked carrier</p> <p>Provide a value in the <b>Package Tracking Number</b> field instead of providing the carrier-assigned value.</p>

Field	CSV	EDI	API	Notes
Shipping Service-level Code	shipping_service_level_code	TD508	shipments[shippingServiceLevel Code]	
Package Shipping Cost	package_ship_cost	SAC05 (G821 qualifier)	shipments[shipCost]	
Package Ship Date	package_ship_date	DTM*011	shipments[shipDate]	
Package SSCC Barcode	package_sccc_barcode	MAN*GM	shipments[ssccBarcode]	For Click and Collect orders, enter the SSCC barcode value from the associated Click and Collect label for the package. You must use a valid GS1 barcode value.
Package Supplier Warehouse Code	package_warehouse_code	REF*ZZ*package_warehouse_code	shipments[warehouseCode]	
Package Carrier Manifest ID	package_carrier_manifest_id	N/A	shipments[carrierManifestId]	
Number of Line Items	number_of_line_items	N/A	shipments[numberOfLineItems]	
Line Item Line Number	line_item_line_number	LIN01	items[lineNumber]	
Line Item SKU	line_item_sku	LIN*SK	items[sku]	
Line Item Quantity	line_item_quantity	SN102	items[quantity]	
Line Item Original Quantity	line_item_original_quantity	N/A	items[originalOrderQuantity]	
Line Item Department ID	line_item_department_id	N104 (OH qualifier)	items[departmentId]	

Field	CSV	EDI	API	Notes
Line Item Department Name	line_item_department_name	N1*OH	items[departmentName]	
Line Item Merchandising Account ID	line_item_merchandising_account_id	N104 (JF qualifier)	items[merchandisingAccountId]	
Line Item Merchandising Account Name	line_item_merchandising_account_name	N1*JF	items[merchandisingAccountName]	
Line Item Serial Number	line_item_serial_number	N/A	items[serial_numbers]	
Line Item Title	line_item_title		items[title]	
Line Item Package Span Flag	line_item_package_span_flag	REF03	lineItems[packageSpanFlag]	Must be TRUE to send a single product in more than one box/parcel with tracking numbers

## Cancellation

Field	CSV	EDI	API	Notes
Purchase Order Number	po_number	PRF01	poNumber	
Consumer Order Number	consumer_order_number	REF*CO	consumerOrderNumber	
Number Of Line Items	number_of_line_items	N/A	numberOfLineItems	
Line Item Line Number	line_item_line_number	PO101	lineItems[lineNumber]	
Line Item SKU	line_item_sku	PO1*SK	lineItems[sku]	
Line Item Quantity	line_item_status_quantity	PO102	lineItems[quantity]	
Line Item Original Order Quantity	line_item_original_order_quantity	N/A	lineItems[originalOrderQuantity]	
Line Item Cancel Code	line_item_cancel_code	ISR03	lineItems[cancelCode]	
Line Item Cancel Reason	line_item_cancel_reason	ISR01	lineItems[cancelledReason]	
Line Item Department ID	line_item_department_id	N104	lineItems[departmentId]	
Line Item Department Name	line_item_department_name	N102 (OH qualifier)	lineItems[departmentName]	
Line Item Merchandising Account ID	line_item_merchandising_account_id	N104	lineItems[merchandisingAccountId]	
Line Item Merchandising Account Name	line_item_merchandising_account_name	N102 (JF qualifier)	lineItems[merchandisingAccountName]	

## Returns

**Note:** Optional fields are shaded in grey.

Field	API	Notes
For supplier-initiated returns		
Post Return		
Dsco Account ID	dscoAccountId	
Purchase Order Number	poNumber	
Return Number	returnNumber	
Return Date	returnDate	
Status Tags	statusTags[accepted]	
Line Item Line Number	lineItems[lineNumber]	
Line Item Quantity	lineItems[quantity]	
Line Item Reason Code	lineItems[reasonCode]	
For retailer-initiated returns		
Put Return		
Dsco Account ID	dscoAccountId	
Purchase Order Number	poNumber	

Field	API	Notes
Partner Return Number	partnerReturnNumber	
Return Number	returnNumber	
Return Date	returnDate	
Status Tags	statusTags[accepted]	
Line Item Line Number	lineItems[lineNumber]	
Line Item Quantity	lineItems[quantity]	
Line Item Reason Code	lineItems[reasonCode]	
Line Item Response	lineItems[response]	Acceptable values are 'Accepted' or 'Rejected.'