



# Data Property Types

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Learn about the available data types in Salsify and how they're used. For more information about data storage see [Best Practices: Storing Data to Meet Your Organization's Needs](#).

## Performance Best Practices

To preserve ideal performance within Salsify, please note the following limits:

- Maximum number of computed properties: 250
- Maximum number of searchable properties: 50

## String

*[plain text, accepts alpha numeric and special characters, case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max length](#), [Min/max length across values](#), [Regex](#)

String is the most commonly used property type and is the default unless another type is chosen. It stores plain-text alphabetical and numeric characters without any special formatting.

Product ID and Product Name are both string values. Note that product identifiers cannot start with an underscore \_ character. We recommend not including non-alphanumeric special characters in product identifiers. [Click here](#) for more information about the product identifier.

## Picklist/Category

*[plain text, alpha numeric characters, hierarchical, fixed set, case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#), [Allowed values](#), [Regex](#)

Picklist/Category property type is used when there is a known set of property values to choose from like brands, colors or categories. It presents users with a dropdown menu of available values, and those values can contain hierarchies.

Picklists are used to categorize and consolidate property values. For example, if you have a property called *Category* and one of the categories is *Backpacks*, without a dropdown available, a user might enter *Backpacks*, *backpacks* (which are different values because of case), *Bags*, etc. With a dropdown menu, they'll choose the *Backpacks* value that is attached to all other backpack products, making this information valuable for grouping products.

Having all your "Backpacks" store the same Category property value allows you to accurately filter, base lists and workflows on it, map associations to retailer versions of the same information, and use it in catalogs to let users filter by the pick list options.

You can also build hierarchies with pick lists, so under *Backpacks*, you could store more specific sub-categories like *Day Hiking Backpacks*, creating more opportunities to categorize, filter and match data to retailer requirements.

General	
Product Name	T-Stop - Green
Product ID <small>?</small>	6113734
Brand	Dubius
Category	Backpacks
+	
Digital Assets	
Main Image <small>?</small>	
+	

Backpacks See Children ▶

Briefcases

Food

Health

Laptop Sleeves

Luggage See Children ▶

Messenger Bags See Children ▶

Other Cases

## Number

*[plain, numeric characters only]*

**Validations available\*:** [Required](#), [Min/max values](#), [Decimal Places](#), [Restricted Range](#), [Regex](#)

Number accepts only numeric characters, and is used for numeric data such as weight, dimensions, and quantity. Setting a property to the number type allows you to standardize, easily use formulas to transform values, and helps avoid sending unexpected information to retailers.

Note that leading zeros are not stored with number property type. For example, UPCs that start with zero would drop the leading zero. Use the string data type to retain leading zeros.

For example, a product weight could be stored as string or number property type. If stored as a string, users could add many different versions of values that mean the same thing like *1 pound*, *one pound*, *1 lb.*, or *1*. If stored as a number, users can only add *1*, so your data becomes more consistent and properties less open to interpretation. And *1* is the most useful version of the data, because retailers may require different units of measure like ounces or kilograms, and it's easy to use a formula in Salsify to transform the number version of the data into whatever equivalent unit of measure the retailer requires.

## Date

*[yyyy-mm-dd format]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max date](#), [Regex](#)

Date-formatted properties accept only dates, and are typically used for deadlines or activation dates. Users adding data inside Salsify are provided a calendar to select dates from. Imported data should be formatted like *2016-12-01*, in year, month, day order.

## Yes/No

*[boolean, accepts y, yes, n, no, true, false, not case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#)

Typically used to trigger workflows and as a filter data point for lists and syndication, the yes/no property type only allows two choices, *Yes* and *No*. Exports to Excel and csv formats as `Yes` and `No`. Exports to JSON format as `true` and `false`.

## Rich Text

*[accepts alpha-numeric and special characters with formatting, case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max length](#), [Min/max length across values](#), [Regex](#)

Stores property values with formatting like bold, underline, italics, bullet points and numbered lists. Users get a small WYSIWYG editor to format data they're adding inside the interface.

## HTML

*[accepts alpha-numeric and special characters with formatting, case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max length](#), [Min/max length across values](#), [Regex](#)

Stores HTML formatting with property value. Previews in Salsify interface with HTML applied without styling.

## Link

*[accepts alpha-numeric and special characters with formatting, case sensitive]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max length](#), [Min/max length across values](#), [Regex](#)

Creates property with clickable text. The link text creates the URL the text will link to automatically and is clickable from the Salsify interface and catalogs.

## Digital Asset

*[upload of any file format, 300 MB file size maximum]*

**Validations available\*:** [Required](#), [Min/max values](#), [Min/max pixel counts](#)

Special field type to store any digital asset file. Most image file types preview inside Salsify, are able to be viewed in catalogs and can be renamed and transformed via Salsify channel exports. File types like pdf and other document formats can be stored and downloaded but not previewed.

## Supported Video

- YouTube hosted
- Vimeo hosted
- mp4
- webm
- flv
- mov
- ogv
- 3gp
- 3g2
- wmv
- mpeg
- avi

All file types can be added to and shared via lightboxes\*.

## Images

Most, but not all image types will show a preview inside the Salsify interface and catalogs. Image types that can be transformed are:

- GIF

- PNG
- JPG
- BMP
- ICO
- PDF
- TIFF
- EPS
- JPC
- JP2
- PSD
- AI
- SVG
- WebP
- JPEG-XR

*\*Feature available in select versions of Salsify. Contact your Customer Success Manager or [Contact Customer Success](#) for more information or to add to your account.*

The following data types may not currently be available in your organization. Please speak with your Customer Success Manager for more information or to request these data types are added to your organization.

## Product Reference

*[Product IDs]*

**Validations available\*:** [Required](#), [Min/max values](#)

Product references are one-way relationships between products, with no automatic inheritance. You can store product(s) in a reference property that relates them with each other. References can be used by parts of the platform, via formulas, to pull information about the products stored in the reference property to products storing the reference. You have access to all the properties associated with the referenced product in the mapping process.

[Click here](#) for more information about Product References.

References properties store the referenced product IDs and display a thumbnail image, the product ID linked to the referenced product, and product name on the product details page. You are able to control the properties included in the preview on the product details page. The preview doesn't affect what's available to you during the mapping process.

**2010535**  
Imagination Sidecar - CryoDefense

**Properties**


- General
- Digital Assets
- eCommerce
- Rich Content
- Extended Product Details
- Shipping Detail
- Unassigned
- Parts Information
- Unformatted from ERP
- Activity
- Relations

**Support Catalog Name** 060528911943 - Imagination Sidecar - CryoDefense

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**UPC-12** 060528911943



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**Use and Care Manual** 

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Parts Information - 1 property

**Replacement Parts**  
2 References




	Product ID	Name
	<a href="#">2010838-112</a>	Replacement Wheel
	<a href="#">2010838-113</a>	Replacement Steering Wheel

## Quantified Product Reference

*[Product IDs]*

Validations available\*: [Required](#), [Min/max values](#)

Quantified Product References work like Product References, but you can manage a quantity of the referenced product on the product that references it. You store product IDs in the property, then you can set a quantity that should be included. Typically used in cases where you're referring to products included in a kit or replacement parts needed for a product. Default quantity is 1.

<b>Bundle Components</b>			
3 References			
Quantity		Product ID	Name
1		<a href="#">908040634</a>	Women's Sunglasses - Tough Love
2		<a href="#">908040779</a>	Women's Disguise Wigs - Auburn Diana Prince
1		<a href="#">908040147</a>	Women's Stealth Trenchcoat - Khaki L