

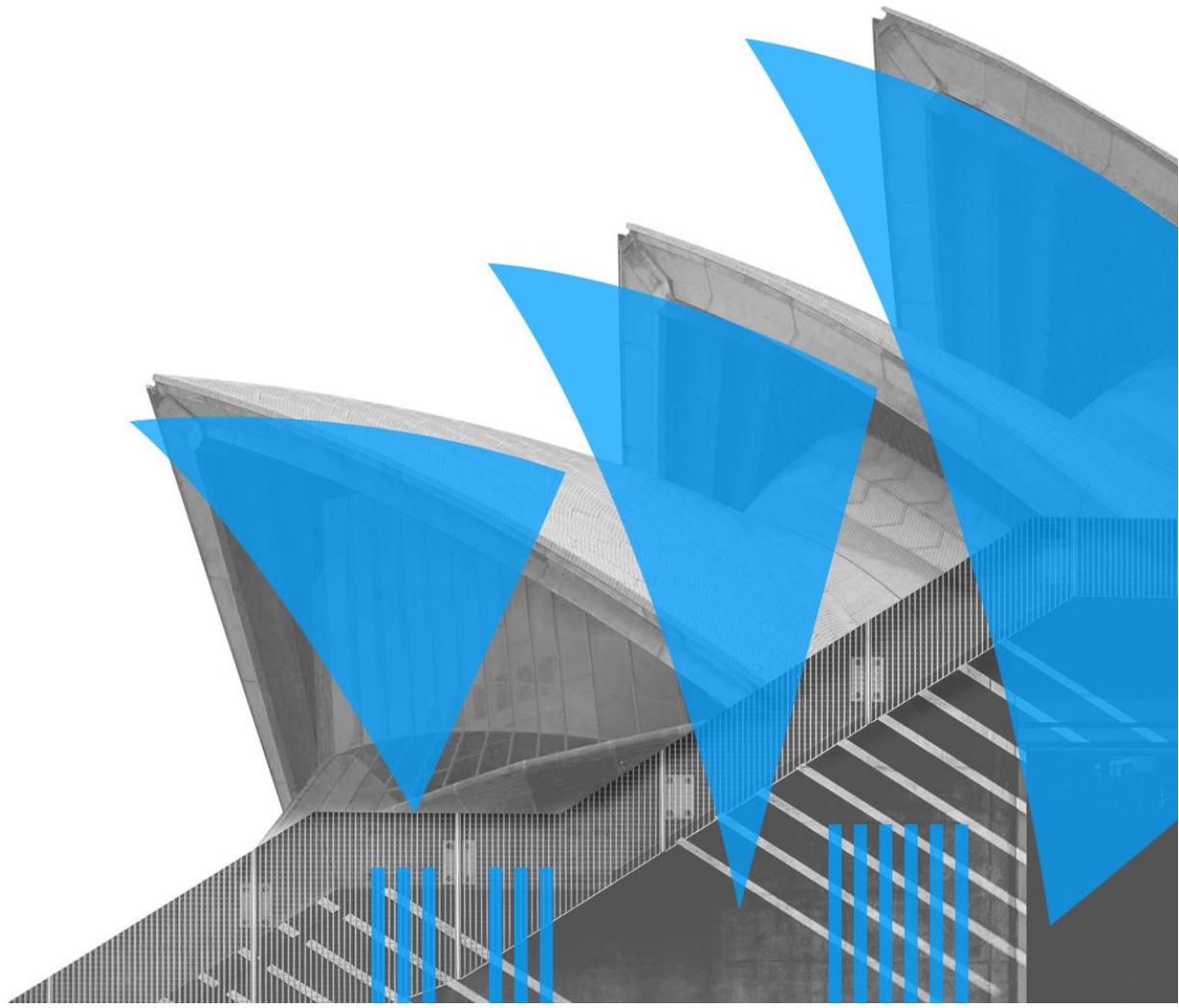
ewave.

# Attribute Matrix Creator

## User Manual

Version 1.2

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## | About The Extension

The “Attribute Matrix Creator” extension for Magento 2 allows you to create a matrix for any attribute set you want. You can create a size matrix, material comparison matrix, activity and materials dependence matrix and any other matrix with any attribute you want. You can display it on your storefront as a pop-up on product details page, or create an attribute matrix widget and place it wherever you want on your storefront.

## | Back-office Features

- Creating an attribute matrix.
- Uploading CSV-file with Matrix in it.
- Configuring matrix.
- Adding new Values Row.
- Editing Values.
- Creating Attribute Matrix widget.
- Selecting widget location.

## | Storefront Features

- Opening matrix pop-up on PDP.
- Switching between Main attributes on pop-up and widget.
- Selecting Heading attribute on pop-up.
- Viewing Matrix for all Attributes' Values.

# | Creating new Attribute Matrix

## Step 1: Configuring new Attribute Matrix.

1. Navigate to *Back-office* → *EWAVE* → *Attribute Matrix*.
2. Click on “Add New Attribute Matrix” button.
3. Configure main settings:
  - Specify Matrix Title;
  - If you want to show this Matrix on storefront Switch “Enabled” to “Yes”;
  - Choose Attribute Set that will be used in Matrix creating;
  - Also you can choose Main and Heading Attributes, for example “Brand” as main attribute and “Gender” as heading attribute:
    - If you are creating a matrix for product swatches you can leave these fields empty. Remember that matrix for product swatches will be shown only for products to which were assigned chosen Main, Heading and Row Attributes.
  - Select Row attributes. You can select several;
  - Click “Save and Continue Edit” to edit Matrix Values.

**New Attribute Matrix** ← Back Save and Continue Edit Save Attribute Matrix

**Attribute Matrix Settings**

Matrix Title \*

Enabled  No

Attribute Set \*  Select a set of attributes the current matrix will belong to

Main Attribute  For each attribute value a sub-matrix consisting of "Row Attributes" will be created

Heading Attribute  Each attribute value is a heading for a sub-matrix consisting of "Row Attributes"

Row Attributes \*  Each attribute value is a cell of a sub-matrix

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**Attribute Matrix**

Please save attribute matrix first to edit matrix attributes values.

*Attribute Matrix details*

## Step 2: Editing Matrix Attributes Values.

1. Click on “Add New Row” button to create new Attribute Values Row.
  - You can save empty row and continue editing it in the grid;

**Attribute Matrix**

Add New Row

Filters Default View

Actions 2 records found (1 selected) 200 per page 1 of 1

ID	Default Row Attribute	Action	Material	Gender	Activity	Category Gear
124	Activity	Select	Wool	Women	School	Fashion
125	Not specified					

Cancel Save

*Matrix Attributes Grid*

- You can specify Attributes Values on “New Row” Page.

*New Row page*

2. Create and configure as many rows as you need and then click on the “Save Attribute Matrix” button to save the Matrix.

**Important to remember:**

- Only product attributes with "Visible on Catalog Pages on Storefront" = "Yes" are available in the dropdowns with Main, Heading and Row Attributes!
- If the combination of Main, Heading and Default attributes is already specified, then for another row with the same Main and Heading attributes admin cannot change default attribute in another row.
- If the Default attribute was not specified, then when admin specifies it, default attribute should be the same for all rows with the same values of Main and Heading attributes.
- All Row Attribute values must be different for one Main and Heading Attribute, if not – an error message will be shown!

## | New Matrix Uploading

You can create a csv-file which will contain Matrix attributes and it Values. All attributes and their Values must already be created in Magento Back-Office. If you don't want to add Main and Heading Attributes, leave this two columns empty. All required fields and an example shown below:

- matrix\_title - the title of the matrix
- attribute\_set - Admin specifies an attribute set for which a matrix is being created
- main\_attribute
- heading\_attribute
- default\_row\_attribute
- row\_attribute\_1, row\_attribute\_2 ..... row\_attribute\_N

matrix_title	attribute_set	main_attribute	heading_attribute	default_row_attribute	row_attribute_1	row_attribute_2	row_attribute_3
Size Matrix For Footwear	Footwear	Brand	Gender	Default Row Attribute	US Size	UK Size	EU Size
		Lacoste	Men	US Size	9.5	9	43
		Lacoste	Men	US Size	10	9.5	44
		Lacoste	Men	US Size	11	10	45
		Vans	womens	EU Size	7	6.5	37
		Vans	womens	EU Size	8	7.5	39
		Vans	Men	US Size	10	9	43.5

CSV-file file with Matrix

To upload CSV-file Navigate to *Back-office* → *EWAVE* → *Attribute Matrix*. Click on "Upload Matrix" Button, select a file on your work-machine and click continue.

### Import Rules:

- If a file contains attributes (columns) which are not created in Magento yet, such columns will not be included in matrix.
- If a csv file does not contain value for "matrix\_title", an error message will be shown and matrix will not be created.
- If a csv file does not contain Row Attributes defined, an error message will be shown and matrix will not be created.
- It is possible to create empty matrix with only columns specified.
- If a csv file does not contain value for "Attribute Set", an error message will be shown and matrix will not be created.
- If csv-file contains attributes from different attribute sets, an error message will be shown.
- If admin uploads a matrix with the name which already exists, the matrix is fully updates.
- if a .csv-file contains the values of attributes which do not exist in Magento (e.g. color = indigo). A message should sound "Attribute values <value1>, <value2>, ... <valueN> you are trying to upload are missing in Magento. These values will not be uploaded". All other values should be uploaded into Magento.

## | General settings

1. Navigate to *Back-office* → *Stores* → *Configurations* → *EWAVE* → *Attribute Matrix*
2. "Default Matrix" dropdown contains a list of all created matrices. When a Matrix chosen it will be settled as a default for all store products that assigned to the matrix attributes set. If you create a new matrix you can specify it in a layout via widget.
3. "Default Matrix For Products Swatches" dropdown contains a list of all created matrices. Chosen matrix will be assigned as default for all the products to which were assigned chosen Matrix Attributes.
4. "Create Nonexistent Attribute Options During Import" allows you to switch on/off an ability to create additional options while Importing matrix data. If set to 'Yes' non-existent values will be added to product attribute in back-office and if you upload a new matrix with the same matrix code – matrix will be updated, If set to 'No' – an error message will be shown and matrix will be uploaded (if first time) or replaced without non-existent values. In this case matrix will be disabled by default.

General Settings

**Default Matrix** [store view] Size Matrix for swatches  
 If no Matrix specified in a layout - selected matrix will be used

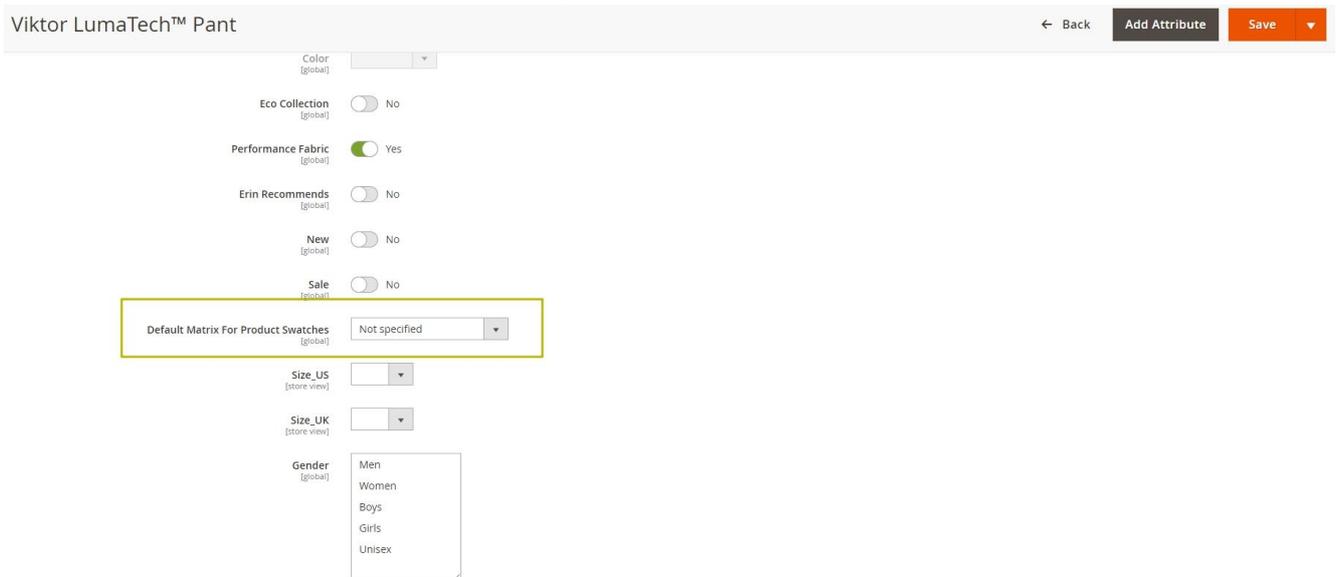
**Default Matrix For Product Swatches** [store view] Size Matrix for swatches  
 Selected matrix will be used as a default for Product's Swatches. If no matrix selected - regular swatches will be displayed for a product

**Create Nonexistent Attribute Options During Import** [global] No  
 Enables/disables an ability to create additional options while importing attribute matrix data

*Attribute Matrix General Settings*

5. Also you can assign Default Matrix For Product Swatches for each product separately.

- Navigate to *Back-office* → *Catalog* → *Products*.
- Choose any product you want and go to product edit page.
- Choose Default Matrix for particular product via selecting required one from “Default Matrix For Product Swatches” dropdown.

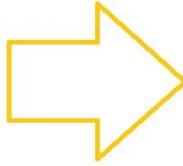


*Matrix setting on Product Edit page.*

## | Attribute Matrix Displaying on Storefront

You can display your attribute matrix on storefront in two ways:

1. By enabling Attribute Matrix (see [here](#)).
  - A link to Attribute Matrix pop-up will appear on product detail page (only on chosen attribute set products pages);



## Ina Compression Short

[Matrix chart](#)  
 ADD TO WISH LIST ADD TO COMPARE EMAIL

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As low as  
**\$49.00**

**IN STOCK**  
 SKU#: WSH11

Size

28 29

Color



Qty

1

**Add to Cart**

Product detail page with a Link to Matrix pop-up

Attribute Matrix ×

**Women**

Size	Size_US	Size_UK
0	2	8
1	2	9
2	3	0
3	3	1
4	3	2

[View matrix for all Genders](#)

Attribute Matrix pop-up

2. You can create an attribute matrix widget, and insert it in any page. To create matrix widget select "Attribute Matrix" from Widget Type dropdown and choose the Matrix you want to be in widget.

Insert Widget

×

Cancel **Insert Widget**

Inserting a widget does not create a widget instance.

Widget Type \*

- Please Select --
- Please Select --
- Attribute Matrix**
- CMS Page Link
- CMS Static Block
- Catalog Category Link
- Catalog New Products List
- Catalog Product Link
- Catalog Products List
- Orders and Returns
- Recently Compared Products
- Recently Viewed Products

Attribute Matrix widget creating

Home > Attribute Matrix

# Attribute Matrix

Shopping Options

- STYLE
- SIZE
- CLIMATE
- COLOR
- MATERIAL
- PATTERN
- PRICE

Boys

	Canvas			
Size	S	M	L	XL
Size_US	2	4	6	8
Size_UK	3	3.5	4	4.5

Wool

Size	S	M	L
Size_US	2	4	6
Size_UK	3	3.5	4

4 Items

Sort By Position

Compare Products: You have no items to compare.

My Wish List: You have no items in your wish list.

Attribute Matrix widget on storefront