

# Product Label Extension

## Product Label Extension for Magento 2

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### 1. Overview

The **Product Label Extension for Magento 2** allows store owners to visually highlight products using attractive **text or image-based labels**, helping improve product visibility and conversion rates.

Labels can be displayed automatically using **flexible rule-based conditions** such as product attributes, pricing, stock status, categories, or date ranges. Display can also be restricted by **store view** and **customer group**.

### Key Benefits

- Draw attention to important products (New, Sale, Hot, Limited Stock)
- Increase click-through and conversions
- Fully automated rule-based labelling
- Performance optimised for large catalogs

### System Requirements

Requirement	Details
Magento Version	2.4.x or higher
PHP Version	7.4 / 8.1+
Dependency	magebytessoft/module-base

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### 2. Features

- **Text & Image Labels**
  - Text labels with customizable background color, text color, font size, and border radius
  - Image labels with optional size control and aspect ratio
- **Rule-Based Conditions**
  - Display labels only when conditions are matched
  - Supports product attributes, price, category, stock, date rules

- **Label Positioning**
    - Top Left
    - Top Right
    - Bottom Left
    - Bottom Right
  - **Page Targeting**
    - Product Listing Page (PLP)
    - Product Detail Page (PDP)
  - **Store View & Customer Group Targeting**
  - **Configurable Product Support**
    - Option to show labels on configurable children on PLP
  - **Performance Optimisation**
    - Optional indexer for large catalogs
    - Configurable cache lifetime
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### 3. Installation via Composer (Recommended)

Run the following commands from your Magento root directory:

```
composer require magebytesoft/module-productlabel  
php bin/magento module:enable Magebytesoft_ProductLabel  
php bin/magento setup:upgrade  
php bin/magento setup:di:compile  
php bin/magento setup:static-content:deploy  
php bin/magento cache:flush
```

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### 4. Manual Installation

#### Step 1: Upload Module Files

Copy the module to: `app/code/Magebytesoft/ProductLabel`

#### Step 2: Enable the Module

Run:

```
php bin/magento module:enable Magebytesoft_ProductLabel  
php bin/magento setup:upgrade  
php bin/magento setup:di:compile
```

```
php bin/magento setup:static-content:deploy -f
php bin/magento cache:flush
```

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## 5. System Configuration

### Navigation Path

Admin Panel → Stores → Configuration → MageBytes → Product Labels

### General Settings

Setting	Description
Enable Product Labels	Enable / Disable the extension
Cache Lifetime (seconds)	Default: 3600

### Display Settings

Setting	Description
Maximum Labels Per Product	0 = Unlimited
Show Labels on Configurable Children (PLP)	Display child labels on listing pages

### Performance Settings

Setting	Description
Use Indexer	Enables index-based label retrieval

#### Recommended CLI when indexer is enabled:

```
php bin/magento indexer:reindex mb_productlabel_index
```

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## 6. Creating Product Labels

### Navigation

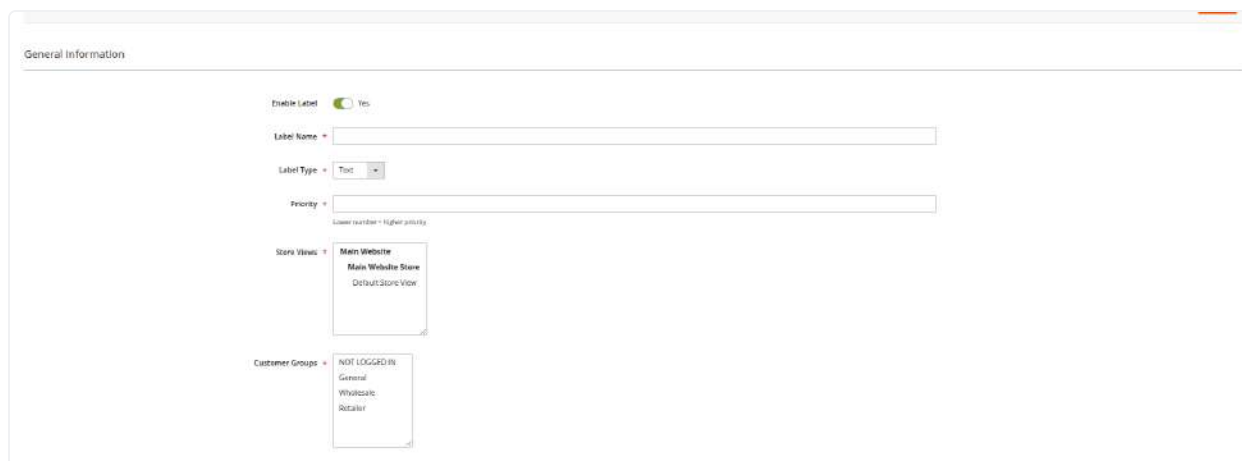
Admin → MageBytes → Product Labels

## Step 1: Add New Label

Click **Add New Label**

### General Information

- Enable Label
- Label Name
- Label Type (Text / Image)
- Priority (Lower = Higher priority)
- Store Views
- Customer Groups



The screenshot shows a web form titled "General Information" for adding a new label. The form includes the following fields and options:

- Enable Label:** A toggle switch currently set to "Yes".
- Label Name:** A text input field.
- Label Type:** A dropdown menu currently set to "Text".
- Priority:** A text input field with a small note below it: "Lower number = Higher priority".
- Store Views:** A dropdown menu with three options: "Main Website", "Main Website Store", and "Default Store View".
- Customer Groups:** A dropdown menu with three options: "NOT LOGGED IN", "General", and "Wholesale".

## Label Content

### Text Label Options

- Label Text
- Background Color (e.g. #FF0000)
- Text Color (e.g. #FFFFFF)
- Font Size (e.g. 12px)
- Border Radius (e.g. 5px, 50%)

### Image Label Options

- Upload Image (JPG/JPEG/PNG, max 2MB)
- Image Width / Height (optional)
- Maintain Aspect Ratio

Optional:

- Custom CSS Class

Label Content:

Label Text:

Label Image:

Maximum file size: 2 MB. Allowed file types: JPG, PNG.  
Only JPG, PNG and GIF formats are allowed. Maximum file size: 100k. Recommended size: 100x100px or smaller for optimal performance.


 [Upload image here](#)

Image Width (px):   
Width for when image is present. Leave empty to use original image size.

Image Height (px):   
Height for when image is present. Leave empty to use original image size.

Maximize Aspect Ratio:  Yes  
If selected, images are stretched to fit into when loading. Only width or height will be square.

Background Color:   
For text labels, this applies. Hex codes only.

Text Color:   
For text labels, this applies. Hex codes only.

Font Size:   
For text labels, this applies. 10px or 12px.

Border Radius:   
For text labels, this applies. 0px or 10px.

Custom CSS Class:

## Display Settings

- Label Position
- Show on PLP
- Show on PDP

Display Settings:

Label Position:

Show on Product Listing Page:  Yes

Show on Product Detail Page:  Yes

## Conditions

Create rules to control when labels appear.

### Common Examples

- Product has special price
- SKU contains text
- Product belongs to category
- Price less/greater than value
- Stock status

Conditions ⊞

Apply the label only to products that match the following conditions (leave blank for all products).  
If ALL of these conditions are TRUE:

| \*

## Save & Apply

1. Click **Save**

2. Reindex if enabled:

```
php bin/magento indexer:reindex mb_productlabel_index
```

1. Clear cache:

```
php bin/magento cache:flush
```

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## 7. Frontend Display Locations

Labels automatically appear on:

# Hot Sellers

Here is what's trending on Luma right now



Test

Radiant Tee

★★★★☆ 3 Reviews

\$22.00

XS S M L XL



Test

Breathe-Easy Tank

★★★★☆ 2 Reviews

\$34.00

XS S M L XL



Test

Argus All-Weather Tank

\$22.00

XS S M L XL



Test

Hero Hoodie

\$54.00

XS S M L XL



20% OFF



Test

Test



✓ Breathe-Easy Tank has been added to your Wish List. [Click here](#) to continue shopping.

- My Account
- My Orders
- My Downloadable Products
- My Wish List**
- Address Book
- Account Information
- Stored Payment Methods
- My Product Reviews
- Newsletter Subscriptions

## Compare Products

You have no items to compare.

## My Wish List (1 item)



Breathe-Easy Tank  
\$34.00

[Add to Cart](#)

[Go to Wish List](#)

## My Wish List

1 Item

Show 10 per page



Test

Breathe-Easy Tank

★★★★☆ 2 Reviews

\$34.00

[Update Wish List](#)

[Share Wish List](#)

[Add All to Cart](#)

1 Item

Show 10 per page

We found other products you might like!



Fusion Backpack  
\$59.00



Crown Summit Backpack  
\$38.00



Wayfarer Messenger Bag  
\$45.00



Rival Field Messenger  
\$45.00



Impulse Duffel  
\$74.00



Driven Backpack  
\$36.00



Push It Messenger Bag  
\$45.00



Overnight Duffel  
\$45.00

## Bags

Shopping Options

- STYLE ▾
- PRICE ▾
- ACTIVITY ▾
- MATERIAL ▾
- STRAP/HANDLE ▾
- FEATURES ▾
- PERFORMANCE FABRIC ▾
- ERIN RECOMMENDS ▾
- NEW ▾
- SALE ▾

Items 1-12 of 14

Sort By Position ▾ ↑



Joust Duffel Bag  
★★★★☆ 2 Reviews  
\$34.00



Strive Shoulder Pack  
★★★★★ 2 Reviews  
\$32.00



Crown Summit Backpack  
★★★★★ 3 Reviews  
\$38.00

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.



Wayfarer Messenger Bag  
★★★★☆ 3 Reviews





Rival Field Messenger  
★★★★★ 2 Reviews



Fusion Backpack  
★★★★★ 3 Reviews

# Compare Products

[Print This Page](#)

	 <p><b>Breathe-Easy Tank</b></p> <p>★★★★☆ 2 Reviews</p> <p>\$34.00</p> <p><a href="#">Add to Cart</a> ♥</p>	 <p><b>Radiant Tee</b></p> <p>★★★★☆ 3 Reviews</p> <p>\$22.00</p> <p><a href="#">Add to Cart</a> ♥</p>
<b>SKU</b>	WT09	WS12
<b>Description</b>	<p>The Breathe Easy Tank is so soft, lightweight, and comfortable, you won't even know it's there -- until its high-tech Cocona® fabric starts wicking sweat away from your body to help you stay dry and focused. Layer it over your favorite sports bra and get moving.</p> <ul style="list-style-type: none"><li>• Machine wash/dry.</li><li>• Cocona® fabric.</li></ul>	<p>So light and comfy, you'll love the Radiant Tee's organic fabric, feel, performance and style. You may never want to stop moving in this shirt.</p> <ul style="list-style-type: none"><li>• Salmon soft scoop neck tee.</li><li>• Athletic, semi-form fit.</li><li>• Flat seams prevent chafing.</li><li>• 67% Organic Cotton / 28% Hemp / 5% Spandex.</li></ul>



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[Home](#) > [Fusion Backpack](#)



## Fusion Backpack

★★★★☆ 3 Reviews [Add Your Review](#)

**\$59.00**

**IN STOCK**  
SKU#: 24-MB02

Qty

[Add to Cart](#)

 [ADD TO WISH LIST](#)

 [ADD TO COMPARE](#)

## 8. Cache & Performance Management

Reindex (Recommended)

php bin/magento indexer:reindex mb\_productlabel\_index

## Clear Cache

php bin/magento cache:flush

### Notes

- Enable indexer for large catalogs
  - Cache lifetime controls label data caching
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## 9. Troubleshooting

### Labels Not Displaying

- Ensure extension is enabled
- Verify store view & customer group
- Check PLP/PDP settings
- Validate conditions
- Reindex and flush cache

### Image Upload Issues

- Allowed formats: JPG / PNG
- Max size: 2MB

### Unexpected Label Behavior

- Review AND/OR conditions
  - Reindex after changes
-