Product Tabs Developer Reference: Hooks, Filters and Meta Keys

Developers · https://wpfactory.com/docs/product-tabs-developer-hooks-filters/

Hooks, filters and meta keys in Product Tabs

This reference lists the actions, filters and stored data exposed by Additional Custom Product Tabs for WooCommerce, for developers extending the plugin. Every name below is taken from the plugin source for version 1.7.5.

Actions

Action	Arguments	When it fires
`alg_wc_product_tabs_core_loaded`	`$core` (the core object)	After the core class is constructed. Use it to hold a reference to the core instance.

Filters

Filter	Arguments	Purpose
`alg_wc_product_tabs_global`	`$count` (int, default 1)	Number of global (all products) custom tabs to render and to show settings for. Pro returns the value of `alg_custom_product_tabs_global_total_number`.
`alg_wc_product_tabs_local`	`$value`, `$product_id`	Number of per-product custom tabs for a given product. Pro returns the product meta `_alg_custom_product_tabs_local_total_number`.

Filter	Arguments	Purpose
`alg_wc_product_tabs_local_default`	`$value` (int, default 1)	Fallback per-product tab count when a product has no stored value. Pro returns `alg_custom_product_tabs_local_total_number_default`.
`alg_wc_product_tabs_settings`	`$value`, `$type`, `$args`	Internal Pro gating filter. In the free version the "tab number" fields stay read only through this filter; Pro overrides it to make them editable. Documented for completeness.

> **Note:** the `alg_wc_product_tabs_global`, `alg_wc_product_tabs_local` and `alg_wc_product_tabs_local_default` filters are how the Pro version lifts the one-tab limit. Overriding them yourself changes how many tab slots render, but the extra global tab options are only saved when the Pro settings expose them.

Example: hold a reference to the core object

```
add_action( 'alg_wc_product_tabs_core_loaded', function( $core ) {
    // $core is the Alg_WC_Product_Tabs_Core instance.
    // e.g. inspect $core->get_custom_tab_ids() on a product page.
} );
```

WooCommerce hook used by the plugin

Product Tabs builds its tab list on the standard WooCommerce filter `woocommerce_product_tabs` at priority 98. If another plugin or your theme also filters product tabs, priority order decides the final result.

Per-product tab meta keys

Per-product tabs are stored as post meta on the product. These keys are useful for imports, exports or programmatic setup. The index `{i}` starts at 1.

Meta key	Stores

`_alg_custom_product_tabs_title_local_{i}`	Tab title
`_alg_custom_product_tabs_id_local_{i}`	Tab ID (link key)
`_alg_custom_product_tabs_priority_local_{i}`	Position (order number)
`_alg_custom_product_tabs_content_local_{i}`	Tab content
`_alg_custom_product_tabs_local_total_number`	Number of per-product tabs on this product

Global tab option keys

Global tabs are stored as site options, indexed by tab number `{i}`: `alg_custom_product_tabs_title_global_{i}`, `alg_custom_product_tabs_id_global_{i}`, `alg_custom_product_tabs_priority_global_{i}` and `alg_custom_product_tabs_content_global_{i}`, plus the show and hide options `alg_custom_product_tabs_title_global_show_in_cats_ids_{i}` and `alg_custom_product_tabs_title_global_hide_in_cats_ids_{i}` for categories, and the product variants (with `_id` or `_sku` suffixes depending on the selected input type).

Shortcodes



PRODUCT TABS

See every feature and the pricing on the Product Tabs plugin page.

View plugin →

The plugin registers `[alg_wc_pt_product_function]`, `[alg_wc_pt_product_meta]` and `[alg_wc_pt_translate]` (with the deprecated alias `[alg_wc_cpt_translate]`). Full attribute tables are in the product tabs shortcodes reference.

Need a hand?

For questions about extending Product Tabs, our team answers every ticket on the WPFactory support page.

Related articles

- Product Tabs Shortcodes Reference
- How to Show or Hide a Product Tab by Product or Category
- How to Reset a Product Tabs Settings Section
- How to Create Multilingual Product Tabs with WPML or Polylang
- How to Display Dynamic Product Data in a Tab