



## What is ProTecht® For A More Sustainable You?

A functional finish brand that contains a portfolio of innovative, ethical, and sustainable technologies that empower product development and strategy while also providing the ability for consumers to be more sustainable in how they use and maintain the products that they know and love.

## What is PAO?

PAO is an odor adsorption technology that is derived from the castor seed. PAO's raw material is naturally skilled at containing unwanted odors through adsorption. When the treated article is washed, it resets the adsorption capabilities. When a product is treated with PAO, a chemical bond is formed between the treated product and PAO. This allows for reliable and long-lasting durability.

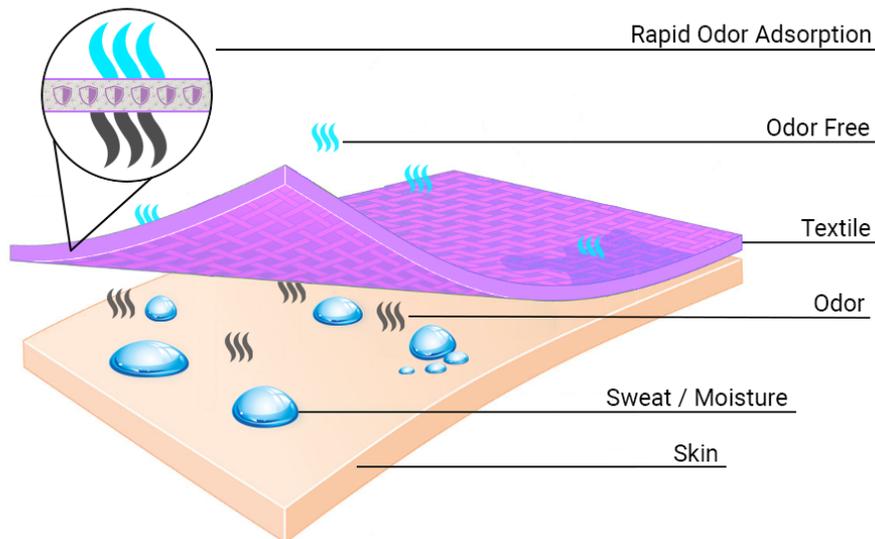


## How is PAO sustainable?

PAO has 78% bio-based content. The castor seed oil has an amazing story from multiple perspectives. It is a crop that is super efficient when comparing resource allocation (land, water, soil) to productivity capacity. But, it also has this surprising ability to capture carbon and regenerate soil health while improving the soil's capacity to be a natural carbon sink. Unlike other bio-based or odor adsorption finishes, PAO provides a sustainability story that is three dimensional.

- ✓ Non-biocide
- ✓ Odor Control
- ✓ Bio-based
- ✓ Metal Free
- ✓ Particle Free
- ✓ 40+ HL Durability
- ✓ High Compatibility
- ✓ Easy Application
- ✓ Cost Effective

# How does PAO function?



## Suitable Applications

- Fiber-Types
  - Cellulosics (Cotton, Linen, etc.)
  - Synthetics (PES, PA, etc.)
  - Man-made Cellulosics
  - Recycled
- Application Methods
  - Padding
  - Exhaust
  - Spray
  - Foam
- Category Uses
  - Active
  - Outdoor
  - Casual
  - Denim
  - Innerwear
  - Home Textiles

## Marketing & Hang Tags

Products utilizing our technologies are eligible to use our branding material,  ProTecht® For A More Sustainable You

Additionally, our in-house marketing team provides assistance with brand positioning, claim language, and POS materials such as custom hang tags.



## Testing Method

PAO is tested according to the ISO 17299-3 testing method.

## Castor-based Solution

- ✓ 78% Bio-based Content
- ✓ No GMOs
- ✓ Does not use Fertile Land
- ✓ Drought Resistant
- ✓ Prevents Soil Erosion
- ✓ Natural Resource Friendly

## Global Compliance

- ✓ OEKO-TEX Eco Passport
- ✓ ZDHC Level 3
- ✓ Bluesign Approved
- ✓ USDA BioPreferred

## Contact Us

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Learn more by visiting our website at: [www.myprotecht.com](http://www.myprotecht.com)