



# Extreme sewing thread for extreme conditions

100% PTFE for outdoor and filtration applications

Finally a PTFE sewing thread developed by the worlds leading sewing thread manufacturer



Now available in  
**CLEAR!**

## NEW! Helios P - 100% PTFE Sewing thread

The **helios** range of products is Coats extreme sewing products for extreme applications. **Helios P** is a new sewing thread for outdoor applications. It is made from 100% PTFE (polytetrafluoroethylene). Coats manufactures industry leading brands; Dabond and Ultra-Dee and are synonymous with sewing thread for outdoor use. Being made from PTFE, it is totally inert to attack by sunlight(UV) or chemicals.

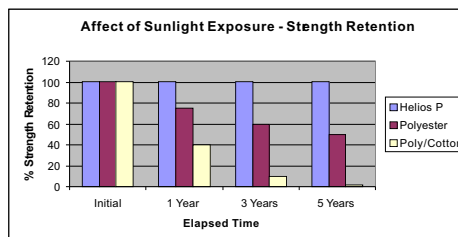
Introducing Helios P - manufactured by Coats. Not only do you get a high performance product produced by Coats you also get full technical back up and sewing analysis by Coats Technical Team.

This product is so durable that Coats guarantees it and will replace any **heliosP** thread which fails in the seam due to UV or chemical attack, and will even pay for the re-stitching costs. **Helios P**s chemical structure has another unique benefit.

**Helios P** is used where high seam integrity is required for prolonged periods. Three sizes are offered; **helios P** 1250d for normal seams, **heliosP** 2000d where materials being stitched are either med-heavy or multi layer, and **helios P** 2400d where materials being stitched are heavy and severe.. **Helios P** Barbobs ( pre-wound Bobbins ) are available in multiple sizes and styles to fit almost any machine.

In tests at CTC and in customer locations, it has been shown that **helios P CLEAR** performs better than both Gores Tenara® and Quality Threads SolarFix®. Helios P CLEAR has exceptional sewing performance for this type of product. **HeliosP CLEAR** sewing has been likened to using bonded polyester.

**Helios P** also has extremely good abrasion resistance. What does this all mean? Perhaps bonded polyester is currently used for its sewing performance but what is needed for end use performance is a PTFE product. **HeliosP** can be used almost anywhere you currently use bonded polyester with little reduction in sewing performance - with all the additional benefits of guaranteed durability against natures' elements. **Helios P** has been designed with strength in mind. It is the strongest PTFE sewing thread made to date meaning that lighter sizes can be used to reduce overall cost.



### Performance Characteristics

- Totally inert against chemical attack (Guaranteed)
- Totally resistant to degradation by UV (Guaranteed)
- High tenacity
- Coats own special sewing lubricant for improved lubricity
- Sewing performance akin to polyester
- Excellent abrasion resistance

### Available Colors:

- Black
- White
- Clear

- Helios P Barbobs available ( Pre-wound Bobbins )

### End uses:

Where maximum performance and durability is required in:

- Awnings
- Boat tops
- Boat seats
- Boat Canopies
- Marine Applications
- Outdoor Furniture
- Outdoor Shades
- Outdoor Geotextile Structures

**Sews through  
plexiglass &  
polycarbonate  
without  
strength loss**

		1250	2000	2400
Colors	WHITE	✓	✓	✓
	BLACK	✓	✓	✓
	CLEAR	✓	✓	✓
Size		150	200	240
Thread Size		147	207	277
Strength	lbs	9	14	17
Put Up	yds	1700	1000	800
Bobbins				
Style	G	✓	✓	✓
	M	✓	✓	✓
	U	✓	✓	✓

For more information on Helios P contact Coats Technology Center at 828 756 4111  
Update: March 2012

Product Information



## ***helios P***                      Warranty

Coats North America will replace any Helios P sewing thread which fails in usage due to degradation caused by exposure to sunlight, or at your option, provide you with a full refund on the purchase price of the Helios P thread.

In addition, Coats North America will pay any approved fabricator for reasonable and customary expenses incurred in re-stitching any awning or marine cover, which is entirely stitched with Helios P sewing thread and pre-wound barbobs.

The warranty does not cover costs incurred in the removal, transportation, or re-installation of any awning or marine cover, or any incidental costs. Coats is not responsible for incidental or consequential damages.

This warranty does not apply to Boat Sails or areas where the product is/has been modified, cut, abraded or damaged in any way from dysfunctional sewing.

When questions regarding proper use in intended application is required, Coats Technical Service should be consulted before application.