

# Profilen<sup>®</sup>

PTFE UV RESISTANT SEWING THREAD

Warranty  
for the lifespan  
of the fabric



*For shade sails, awnings, marine  
and other high end fabric projects*

Profilen<sup>®</sup> PTFE Sewing Thread is flame retardant, resistant to highly corrosive environments and free of heavy metals, chlorine and plasticizers. Covered under a factory warranty for the lifespan of the fabric it's sewn onto!

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polyfab<sup>™</sup>  
USA

# Profilen® PTFE UV RESISTANT SEWING THREAD



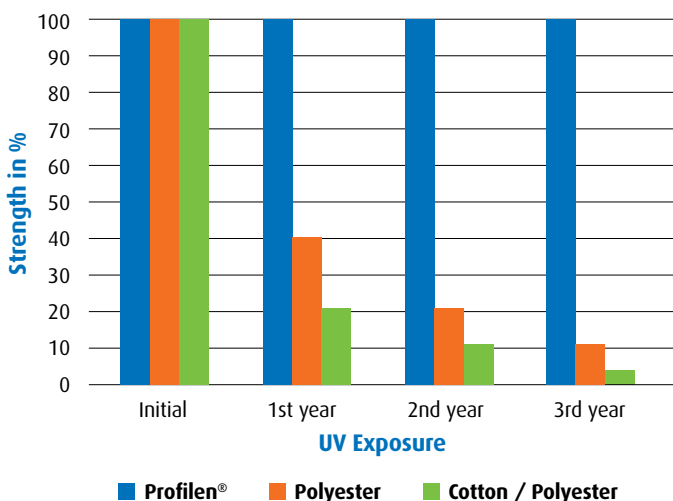
## Strength - a small part with a huge impact

The seam of a product indicates its quality and reliability because if the seam does not hold, even the best fabric is useless. This is why it makes sense to invest in high-quality sewing thread for high-quality products. **Profilen® PTFE sewing thread** is available in a wide range of sizes to suit your needs.

**Profilen® PTFE sewing thread** is suitable for the production of **outdoor textiles** (shade sails, awnings, umbrellas, marine tops and covers, etc.)

Sewing threads are generally very sensitive to UV radiation, which means that they quickly lose their tear resistance. **Profilen® PTFE sewing thread**, on the other hand, is UV-stable and retains its strength, even under the intense sun in Australia.

- ✓ **Profilen® yarn is completely weather resistant:** Total UV and weather resistance are unique properties of PTFE. PTFE does not rot or erode, and it is resistant to micro-organisms and pests.
- ✓ **Simple care:** Profilen® is resistant to salt and bird droppings, and is therefore the first choice for shade sails and awnings.
- ✓ **Profilen® does not burn:** LOI (Limited Oxygen Index) higher than 95%.
- ✓ Chemically inert, so no weakening of its strength.



## Product specification

Color	Light weight	Medium weight	Heavy weight
Black	215/1N	405/4N	MHG24/3N
White	215/1N	405/4N	MHG24/3N
Clear	1500dtex	2400dtex	3200dtex

Product Code	Description	Spool Size
<b>LIGHT WEIGHT</b>		
PRO-215/1NBK	PROFILE SEWING THREAD 215/1N BLACK (Equivalent to commercial size 92) PTFE 1-ply lightly lubricated and twisted Yield 3304 yards per pound/Breaking strength = 7.7 lbf/Elongation = 7%	8 oz. 16 oz.
PRO-215/1NWH	PROFILE SEWING THREAD 215/1N WHITE (Equivalent to commercial size 92) PTFE 1-ply lightly lubricated and twisted Yield 3304 yards per pound/Breaking strength = 7.7 lbf/Elongation = 7%	8 oz. 16 oz.
PRO-1500LUCENT	PROFILE SEWING THREAD 1500dtex CLEAR (Equivalent to commercial size 92) PTFE Lucent yarn Yield 3304 yards per pound/Breaking Strength = 6.7 lbf/Elongation = 23%	8 oz. 16 oz.
<b>MEDIUM WEIGHT</b>		
PRO-405/4NBK	PROFILE SEWING THREAD 405/4N BLACK (Equivalent to calculated commercial size 176) PTFE 4-ply lightly lubricated and twisted Yield 2755 yards per pound/Breaking Strength = 9 lbf/Elongation = 8%	8 oz. 16 oz.
PRO-405/4NWH	PROFILE SEWING THREAD 405/4N WHITE (Equivalent to calculated commercial size 176) PTFE 4-ply lightly lubricated and twisted Yield 2755 yards per pound/Breaking Strength = 9 lbf/Elongation = 8%	8 oz. 16 oz.
PRO-2400LUCENT	PROFILE SEWING THREAD 2400dtex CLEAR (Equivalent to commercial size 138) PTFE Lucent yarn Yield 2064 yards per pound/Breaking Strength = 11.2 lbf/Elongation = 23%	8 oz. 16 oz.
<b>HEAVY WEIGHT</b>		
PRO-MHG24/3NBK	PROFILE SEWING THREAD MHG24/3N BLACK (Equivalent to commercial size 138) PTFE 3-ply lightly lubricated and twisted Yield 1957 yards per pound/Breaking Strength = 18 lbf/Elongation = 6%	8 oz. 16 oz.
PRO-MHG24/3NWH	PROFILE SEWING THREAD MHG24/3N WHITE (Equivalent to commercial size 138) PTFE 3-ply lightly lubricated and twisted Yield 1957 yards per pound/Breaking Strength = 18 lbf/Elongation = 6%	8 oz. 16 oz.
PRO-3200LUCENT	PROFILE SEWING THREAD 3200dtex CLEAR (Equivalent to calculated commercial size 176) PTFE Lucent yarn Yield 1548 yards per pound/Breaking Strength = 13.5 lbf/Elongation = 23%	8 oz. 16 oz.

Minimum order = 6 spools to the box.



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