UltraViolet And Water Repellent Sewing Thread





















ÖZEN İPLİK®
SEWING THREAD MANUFACTURING

www.ozeniplik.com
info@ozeniplik.com

+90 212 689 69 00
+90 212 689 69 05

Osmangazi Mah. Yazgan Sokak
No:2 Esenyurt, ISTANBUL/TURKEY

BONDYART-AquaSOL

BONDED CONTINUOUS FILAMENT POLYESTER
WITH ULTRAVIOLET AND WATER REPELLENT RESISTANCE

***BONDYART AquaSOL** is an ultraviolet protected and water repellent bonded sewing thread produced with high tenacity continuous filament polyester. It has been specifically developed for outdoor applications where UV exposure results in the rapid degradation of strength as well as fading of color.*

BASIC USES:

- *Marine upholstery*
- *Sail making*
- *Tents and awnings*
- *Boat tops*
- *Umbrellas*
- *Trampolines*
- *Articles serving in open sky for years*
- *Pool covers*



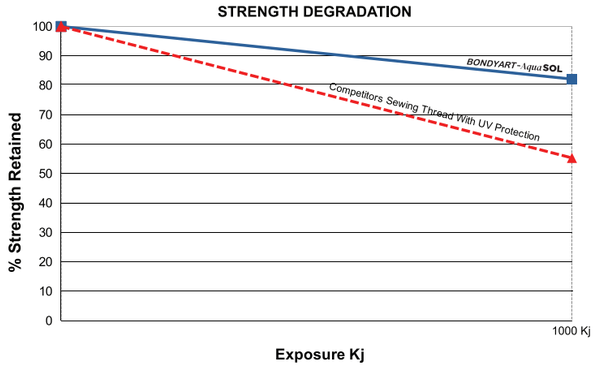
Advantages of sewing with *BONDYART-AquaSOL*

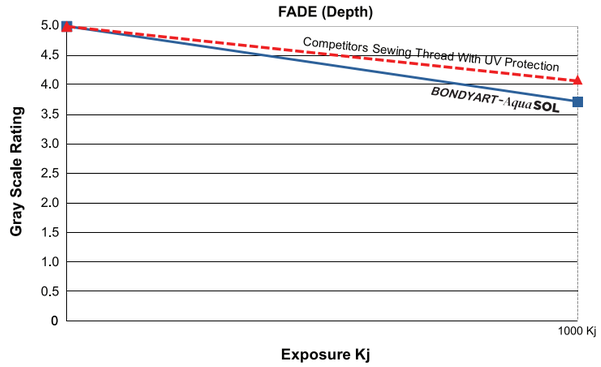
- *The abrasion resistance and protection of **BONDYART-AquaSOL** is much better than other bonded sewing threads.*
- *The special lubricant applied to the thread during manufacturing reduces the effects of needle heat and abrasion thus providing excellent sewing performance by allowing sewing at low tension in even the most difficult operations.*
- *Its excellent performance of no ply untwisting at high speeds makes it the right choice for use with automatic multi directional sewing machines.*
- *The unique manufacturing process eliminates the need for a right twist thread in a double needle lockstitch application.*

Technical Specifications

Tex No.	Ticket No. (Nm)	Art. No.	Number of Ply	Average Strength (lbf)	Elongation (Min-Max) %	Recommended needle size* (metric)	Put up
90	30	BPZ2	3	11,9	18-28	120-140	16 oz
135	20	BPZ2	3	19,8	20-30	140-160	16 oz

* Needle size recommendations are a guide only and ultimately depend on the sewing application.





BONDYART-AquaSOL
Competitors Sewing Thread With UV Protection

Fastness Properties :

Wash fastness	:	ISO 105-C10 :2006 C(3)	Grade 4
Water fastness	:	ISO 105-E01 :2013	Grade 4
Rub fastness	:	ISO 105-X12 :2016	Grade 4

Thermal Properties :

Melting point 482 - 500°F
Shrinkage less than 2% at 302°F

Chemical Properties :

Acids: Good resistance to weak acids
Alkalis: Unaffacted by weak alkalis, but less resistant to stronger alkalis
Organic Solvents: Generally unaffected
Bleaching: Unaffected

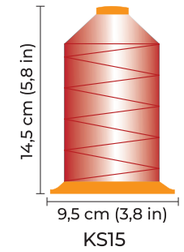
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STANDARD STOCK COLOR COLLECTION

Color Code		Color Code	
3201 (White)		2772 (Forest Green)	
201 (Natural)		1644 (Logo Red)	
2220 (Silver)		3332 (Jockey Red)	
9345 (Cadet Grey)		1715 (Burgundy)	
920 (Linen)		1799 (Pacific Blue)	
9586 (Toast)		5671 (Captain Navy)	
1611 (Beige)		8367 (Navy)	
829 (True Brown)		901 (Black)	

Thread Package (Put up)



KS15

ISO 14001 ISO 9001 ISO 45001

STANDARD 100 11.HTR.98553 HOHENSTEIN HTTI

As the conditions and applications in the end-use of thread vary considerably, the user should carry out preliminarily testing to ensure that the thread is suitable for the intended use. Özen İplik cannot be held responsible for the misuse of any of the above products. All information contained in this sheet should be taken only as indicative. Please ensure that you are using the most recent publication.