AMANN
GROUP
Intelligent threads

Lohnke
Leder und Textil

OUTDOOR APPLICATIONS



Sun, wind and rain put outdoor textiles under a lot of environmental stress, which is often underestimated. The different climatic influences show that there is a need for products with technical characteristics that remain unchanged after many years of exposure. Outdoor-Pro, Serabond and Gore® Tenara® offer excellent UV light and weather-proof characteristics as well as a high-tech performance profile against abrasion and tensile stress.

WEATHERING TEST ACCORDING TO ISO 4892-1 AND 4892-2

The results by Hohenstein Laboratories confirm: **Outdoor-Pro** and **Serabond** perform excellently in the weathering test.

- Examination according to DIN EN ISO 12402-7 contains artificial weathering according to ISO 4892-1 and ISO 4892-2
- Simulation of the influences of various weather conditions (insolation, rain, fog), as well as simulation of daytime and nighttime
- Test duration: approx. 300 h, test objects: all relevant sizes
- Test criteria: maximum tensile force, loop strength, colour fastness
- Furthermore, Outdoor-Pro has succeeded in cold storage at -30°C

GENERAL APPLICATION FIELDS:

- outdoor furniture
- outdoor shading systems
- outdoor protective equipment
- outdoor clothing and accessories









OUTDOORPRO
AMANN

POLYESTER CONTINUOUS FILAMENT, BONDED

- whether awnings, tarpaulins or lounge furniture – Outdoor-Pro is the professional sewing thread for outdoor products
- equipped with our PFC-free water-repellent finish as standard
- brilliant colours, textile look and feel
- specially suited for multidirectional sewing
- excellent UV resistance due to special dyestuffs
- weathering test according to ISO 4892-1 and ISO 4892-2 (DIN EN ISO 12402-7) and cold storage at -30°C
- Main application: awnings, boat covers and sails, outdoor furniture, tents

Ticket no.	Tex no.	Needle size min. Nm	Needle size min. No.	Make-up	No. of colours
10	270	200	25	1.400 m FS	34
15	210	180	24	1.900 m FS	34
20	135	130	21	1.500 m FS 3.000 m FS	34 34
30	90	110	18	2.300 m FS	34
40	70	100	16	5.500 m FS	34
60	35	90	14	4.000 m FS	34

FS/KS = 

		• ticket 40, 60	• ticket 9, 12, 15, 18, 25	01
Nat. White	7003U	•	•	
Creme	7600U	•		
Sunflower Gold	7466U	•	•	
Ochre	7477U			
Orange	7800U		•	
Toboggan	7890U			
Magma	7904U		•	
Red	7905U	•	•	
Burgundy	7997U			
Black Cherry	7983U			
Pacific Blue	8421U	•		
Mediterranean	8403U	•	•	
Royal Blue	8578U	•		
Marine Blue	8555U			
Navy	8566U	•		
Forest Green	8847U	•		
Seagrass Green	8857U		•	

		• ticket 40, 60	• ticket 9, 12, 15, 18, 25	02
Dark Olive	7567U			
Sand	7680U			
Sandstone	7622U	•		
Olive Brown	7654U			
Beaver	7582U	•	•	
Saddle	7719U			
Nutmeg	7762U	•		
Brown	7765U	•		
Bay Brown	7793U			
Storm Grey	7077U		•	
Cloudy sky	7069U		•	
Pearl Grey	7070U	•		
Shark Grey	7090U	•		
Charcoal	7115U	•	•	
Med. Steel	7113U			
Graphite	7182U			
Black	7020U	•	•	

Serabond 20 und 30 sind in allen angezeigten Farben erhältlich.
Serabond 6 ist in Farbe 7003U und Serabond 10 ist in den Farben 7003U und 7020U erhältlich.
Serabond 9, 12, 15, 18, 25, 40 und 60 sind in den mit "•" markierten Farben erhältlich.
Farben liegen im Rahmen branchenüblicher Abweichungen.

Serabond 20 and 30 are available in all colours.
Serabond 6 is in colour 7003U and Serabond 10 is available in the colours 7003U and 7020U.
Serabond 9, 12, 15, 18, 25, 40 and 60 are available in colours marked with "•"
Colours may differ within usual trade standards.

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