

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 062818-MH49991  
**Report Reference** MH49991-20161118  
**Issue Date** 2018-JUNE-28


**Issued to:** Amann & Soehne Gmbh & Co KG  
Hauptstrasse 1  
74357 Boennigheim  
Germany

**This is to certify that representative samples of** Sewing threads for use in protective clothing and equipment  
See Following Pages

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** See Following Pages  
**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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PRODUCT DESIGNATION	COMPOSITION	SIZE (TEX)	
		NFPA 1977-2016	ALL OTHER STANDARDS
A-tech CS 70	NEWSTAR® Yantai meta-aramid, cut staple spun	40-49	Any
A-tech CS 50		60-69	
A-tech CS 40		75-89	
N-tech CS 80/2	Nomex® DuPont™ meta-aramid, cut staple spun	≤35	
N-tech CS 70		40-49	
N-tech 70	Nomex® DuPont™ meta-aramid, schappe spun	40-49	
N-tech 40		75-89	
K-tech 75	Kevlar® DuPont™ para-aramid, schappe spun	40-49	
K-tech 50		60-69	
K-tech 35		80-89	

Threads evaluated to standards other than NFPA 1977-2016 edition may bear the UL Mark in any size offerings. Threads evaluated per NFPA 1977-2016 edition can only bear the UL Mark when the size is within the size ranges described above. Any size other than noted above for compliance with NFPA 1977-2016 is not eligible to bear the UL Mark.

## STANDARDS FOR SAFETY

The threads have been found to meet the thread performance requirements of the standards as follows:

Standard	Title	Edition
NFPA 1951	Standard on Protective Ensembles for Technical Rescue Incidents	2013
NFPA 1971	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting	2018
NFPA 1975	Standard on Emergency Services Work Clothing Elements	2014
NFPA 1977	Standard on Protective Clothing and Equipment for Wildland Fire Fighting	2016
NFPA 2112	Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures form Fire	2018
ASTM F 1506	Standard Performance Specification for Flame Resistant and Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs	2018
CSGB 155.22	Fireline Workwear for Forest Firefighters With Corrigendum No. 1	2014
CGSB 155.20	Standard on Workwear for Protection Against Hydrocarbon Flash Fire and Optionally Steam and Hot Fluids	2017



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