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## **CARBO-FLEX®**

AMI-FLEX CLOTH  
STYLE# FLPN1500  
10/18/22

STYLE #: FLPN1500

DESCRIPTION: A COMPOSITE OF A WOVEN FABRIC AND A NONWOVEN MATERIAL. THE WOVEN FABRIC IS BASED ON YARNS MADE WITH AN ARAMID OUTER LAYER AND A FIBERGLASS CORE. THE NONWOVEN IS A BLEND OF ARAMID AND CARBON (PARTIALLY CARBONIZED ACRYLIC) FIBERS.

NOMINAL WIDTH: 40"

NOMINAL WEIGHT: 15.0 OZ/YD<sup>2</sup>

NOMINAL THICKNESS: 0.100"

TEMPERATURE RESISTANCE:	FIBERGLASS	1000°F
	ARAMID	600°F
	CARBON	500°F

TYPICAL BREAKING STRENGTH:	WARP:	200 POUNDS/INCH WIDTH
	FILL:	85 POUNDS/INCH WIDTH

CUT RESISTANCE RATING: A5  
(ASTM F2992/ANSI-ISEA105-2016)

FLPN1500 HAS BEEN TESTED BY AN INDEPENDENT LABORATORY IN ACCORDANCE WITH NFPA 1971, SECTION 6-10, 2000 EDITION, THERMAL PROTECTIVE PERFORMANCE, TPP. THIS TEST USES THE STOLL CURVE AS A COMPARISON IN THE GRAPHICAL PRESENTATION.

NOTE: MATERIAL SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE SDS BEFORE HANDLING.

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ALL STATEMENTS HEREIN ARE EXPRESSIONS OF OPINION WHICH WE BELIEVE TO BE ACCURATE AND RELIABLE BUT ARE PRESENTED WITHOUT GUARANTEE OR RESPONSIBILITY ON OUR PART. ANYONE INTENDING TO USE RECOMMENDATIONS CONTAINED IN THIS PUBLICATION CONCERNING EQUIPMENT, PROCESSING TECHNIQUES OR PRODUCTS SHOULD FIRST SATISFY HIMSELF THAT THE RECOMMENDATIONS ARE SUITABLE FOR HIS USE AND MEET ALL APPROPRIATE SAFETY AND HEALTH STANDARDS.