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CARBO-FLEX®

AMI-FLEX CLOTH
STYLE# AFLPN1500
10/09

STYLE #: AFLPN1500

DESCRIPTION: A COMPOSITE OF A WOVEN FABRIC, A NONWOVEN MATERIAL AND A LAYER OF ALUMINIZED POLYESTER FILM FOR REFLECTIVITY. 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: 17.0 OZ/YD^2

NOMINAL THICKNESS: 0.070"

TEMPERATURE RESISTANCE:

FIBERGLASS	1000°F
ARAMID	600°F
CARBON	500°F
ADHESIVE	300°F

TYPICAL BREAKING STRENGTH:

WARP:	200 POUNDS/INCH WIDTH
FILL:	80 POUNDS/INCH WIDTH

FABRIC FINISH: ALUMINIZED POLYESTER FILM ON ONE SIDE FOR REFLECTIVITY

AFLPN1500 HAS BEEN TESTED BY AN INDEPENDENT LABORATORY IN ACCORDANCE WITH ASTM 955-03, MOLTEN IRON & MOLTEN ALUMINUM IMPACT; AND ASTM F 1939, RADIANT PROTECTIVE PERFORMANCE. ASTM 955-03 IS SOMETIMES REFERRED TO AS THE MOLTEN METAL SPLASH TEST. ASTM F 1939 IS SOMETIMES REFERRED TO AS THE RPP TEST AND USES THE STOLL CURVE AS A COMPARISON IN THE GRAPHICAL PRESENTATION. CONTACT AMI FOR FURTHER INFORMATION.

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

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.
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