



Bedford Materials Co., Inc.
7676 Allegheny Rd
Manns Choice, PA 15550
Phone: (814) 623-9014
Fax: (814) 623-9199
E-Mail: bedmat@bedford.net

5M48 & 5M62 B-STAGE RESIN TREATED GLASS CLOTH

BEDFORD MATERIALS 5M48 AND 5M62 ARE THERMOSETTING, B-STAGE, TEMPERATURE STABLE, POLYESTER RESIN TREATED GLASS CLOTHS. 5M48 POSSESSES A LOW TACK PRESSURE-SENSITIVE SURFACE AND IS SUPPLIED WITH A POLYETHYLENE SEPARATOR SHEET. 5M62 IS THE SAME AS 5M48, BUT WITH ONLY A SLIGHT TACK AND SUPPLIED WITHOUT SEPARATOR SHEET. APPLICATIONS ARE COIL BANDING AND WRAPPING.

TYPICAL PROPERTIES (Both Products)

TREATED THICKNESS,*	0.007"	0.010"
BASE CLOTH THICKNESS	0.004"	0.007"
RESIN CONTENT	50%	45%
TOLERANCE	±5%	±5%
TENSIL (LBS/IN. WIDTH)	100	250
RECOMMENDED CURE	1 HR @ 150°C OR 4 HRS. @ 135°C	
SHELF LIFE	6 MONTHS WHEN STORED BELOW 70°F	

TYPICAL PROPERTIES (CURED)

DIELECTRIC STRENGTH (VPM)	400	400
TEMPERATURE RATING	CONTINUOUS SERVICE @ 155°C W/ HIGHER SHORT TERM CAPABILITIES.	

* Thickness is for design purposes only. Materials is made to a controlled resin content and ultimate thickness is governed by the process techniques employed in application.

The information contained herein is intended as a guide and should not be construed as a performance guarantee as the company has no control over the manner in which others may employ the product.