



# FIBREFLEX PACKING & MFG. CO.

INCORPORATED

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## GENERAL SPECIFICATIONS

### FIBREFLEX MT-540 (INTERFACE N-8090)

REINFORCED LATENT CURE CELLULOSE/ NITRILE  
BEATER ADDITION NON ASBESTOS GASKET MATERIAL

ASTM F 104 F724400E44M6 (F724900E49M6)

**FIBREFLEX MT-540** is a latent cure reinforced cellulose fiber material with excellent oil resistance and good sealing characteristics. Typical applications include pump, transmission housing and fuel systems. This material has a short duration maximum temperature limit of 180C (350 F).

PHYSICAL TEST PROPERTIES:	SPEC. RANGES	TYPICAL VALUES
Density g/cm <sup>3</sup> (lbs./cu.ft.) (Min)	1.28 (80)	1.32 (82.4)
Compressibility ASTM F36 % at 34.5 MPa (5000 PSI)	15-25%	17%
Recovery, % (Min.)	35%	49%
Tensile Strength F 152 MPa (psi), AMD	13.80 (2000)	18.81(2728)
<b>FLUID IMMERSION PROPERTIES:</b>		
ASTM FUEL B Weight Change	30% max	21%
ASTM FUEL B Thickness Change	20% max	11%
ASTM IRM 903 Thickness Change	30% max	14%
ASTM IRM 903 Compression @ 149C, 5 hr	50% max	26%
ASTM IRM 903 Tensile Change @ 149C, 5 hr	-45% min	-27%

Note: The typical values shown above are based on laboratory tests and should be considered typical values only. They do not imply a specification and are not to be used as a purchase order specification requirement.