



VELLUMOID 505 FIBER

Treated Fiber Material

ASTM I.D. # F326128E21M6

Vellumoid 505 Fiber is a general purpose cellulose fiber gasket material impregnated with a protein and glycerin binder. It has exceptionally good sealing properties, is highly conformable to compensate for distortions in flanges and is an economical solution for many sealing applications. It is chemically inert in the presence of petroleum lubricating oils, automotive gasolines, fuel oils and many organic solvents. Vellumoid 505 Fiber provides excellent service in moderate duty, general purpose applications at temperatures up to 250°F.

MATERIAL SPECIFICATIONS - Typical Values

Compressibility @ 1000 psi (6.89 MPa), %	25-40
Recovery, minimum %	40
Tensile Strength, minimum psi.(MPa)	2000 (13.79)
Fluid Immersion	
ASTM Ref. Fuel B	
Thickness Increase, %	5
Weight Increase, %	15
ASTM Oil No. 3	
Thickness Increase, %	5
Weight Increase, %	15
Distilled Water	
Thickness Increase, %	30
Weight Increase, %	90

For information regarding prices and available thicknesses please reference current price sheet.

The values shown are considered to be typical and are not meant to imply specification. They are based on test data of .030" thickness production material conducted in accordance with ASTM standards. The above data is intended only as a guide and it is recommended that functional testing be performed prior to approval.