



(586) 948-9920 | www.rapiddiecut.com

## KLINGER Graphite MLX Multi Layer XTREME

KLINGER Graphite Laminate MLX is a high performance material suitable in heavy-duty conditions because of its very high compressive strength. Gaskets from MLX material are an excellent choice for high pressure applications. MLX gaskets are robust and adapt to any sealing surface including irregular flanges.

### Features and Benefits:

- Excellent Chemical Resistance
- Excellent Torque Retention
- Extremely Low Stress Relaxation
- Stable Physical Properties Over the Whole Temperature Range

### Certificates and Approvals

Fire-Safe acc. to API 6FB

### Typical Values Refer To 2.0mm Thick Material Unless Noted

Continuous service temperature (in oxidizing atmosphere)	≤ 842F (450C)
Metallic Reinforcement Insert (0.05mm): 316(L)	1.0mm: 1 Layer 1.5mm: 2 Layers 2.0mm: 3 Layers 3.0mm: 5 Layers 4.0mm: 7 Layers
Compressibility ASTM F36A	30-40%
Recovery ASTM F36A	10-25%
Creep relaxation DIN 52913 16h/50 MPa/300C	≥ 45 MPa
Thermo Gravimetric analysis (TGA) DIN 28090-2 4h/670C	≤ 3%/h
Color	Grey