

THERMOTECH 147

THERMOTECH 147 is a sintered iron friction material. The mix of specialized metallic compounds, as well as the carefully chosen types of graphite and silicate extend torque capacity to temperatures up to 1500°F. The material is free of lead.

Typical uses of THERMOTECH 147 material include closed course racing and other extreme high-performance applications.

COLOR	Grey
STRUCTURE	Rigid
COMPOSITION	Iron
Metallic	Yes
Aramid	No
WET/DRY	Dry
FRICTION COEFFICIENT	
Static	0.45
Dynamic	0.37
WEAR RATE	$4.2 \times 10^{-8} \text{ cm}^3/\text{J}$
MAX TEMPERATURE	1500°F
TENSILE STRENGTH	31kg/cm ²
HARDNESS	>65 HRS
ENERGY CAPACITY	175J/cm ²
POWER CAPACITY	225W/cm ²
MAX SLIDING SPEED	<30 m/s
MAX DYNAMIC PRESSURE	<4.1MPa
MAX SURFACE PRESSURE	<7.1 MPa
AVAILABLE FORMS	
Clutch Facings & Buttons	
Disc Brake Pad	
Gear Tooth Facings	
Special Pieces	



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This PDS is provided for informational purposes only and represents standards in controlled laboratory settings. Actual performance will vary by application and operating conditions.

ProTec
STRATEGIC FRICTION

45 Kensico Drive, Mt. Kisco, NY 10549
T (914) 244-3600 F (914) 244-3615
answers@protecfriiction.com
www.protecfriiction.com