



TTP125

Advanced Friction Paper

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TTP125 is a non-asbestos cellulose fiber friction material reinforced with a high volume of graphite. This is a high strength material providing a very stable coefficient of friction and good thermal conductivity. TTP125 offers high heat stability, smooth engagement characteristics, and excellent energy capability. Good wear resistance. Available in thicknesses from 0.5mm - 1.5mm.

Friction Properties

Static Friction Coefficient: 0.12-0.16 \pm 0.05 μ
Dynamic Friction Coefficient: 0.11-0.14 \pm 0.05 μ

Material Type: Fiber Paper Matrix

Appearance/Formats:

Rings and flat pieces.
Bonded Parts.
With Optional Oil Grooves.

Physical Properties

Dynamic Pressure: 3.5 N/mm² (508 Lbf/in²)
Rubbing Speed: 45 m/s (147 Ft/sec)
Specific Power: 4.0 W/mm² (3.4 HP/in²)

Applications

Powershift Transmissions.
Forward-reverse Clutches.
Power Take-off Clutches.

Thermal Properties

Contact ProTec

Compliance: Reach(EC)1907/2023 & RoHS2015/863/EU

Additional

Recommended Mating Surfaces: Cast Iron with surface finish < 0.5 μ m Ra (20 μ in CLA).
Steel hardened & tempered, Cast Steel, Cast Gray Iron.

The above data is taken from specific test parameters, therefore results can vary in differing application conditions