



Synchrotech[™]
Wet Friction Technology

Paper Friction materials are based carbon fiber, kevlar, reinforced composite fibers which are resin bound for wet friction applications of motorcycles, wet clutch and wet brake applications of Tractors / Earthmoving applications.



PROPERTIES -

- Porous structure and excellent mechanical properties.
- Low ratio of static to dynamic CoF
- Smooth engagement
- Excellent energy capability
- Good wear resistance in intermedia disc
- Broad oil compatibility

PAPER BASED WET FRICTION MATERIALS

Application Range	Specific Pressure Mpa	Rotational Speed m/s	Oil Temperature ° C	Dynamic friction Coefficient U_d	Static Friction Coefficient U_s	Wear Rate ($\times 10^{-8}$ cm / 3 J)
Motorcycle	0.5	15	≤ 100	≥ 0.16	≥ 0.20	≤ 6
Automobile	0.8 - 1.5	15	≤ 100	≥ 0.16	≥ 0.15	≤ 3
Machinery	1.0 - 3.0	25	≤ 100	≥ 0.16	≥ 0.13	≤ 5



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