



Synchrotech[™]
Wet Friction Technology

Woven Friction carbon materials based on carbon fibre, organic fibre, metal fibre and phenolic resin bound or carbon - infiltrated for speciality wet friction applications.



PROPERTIES -

- Constant CoF over lifetime even at high aerial pressure.
- No grooving is required as woven design retains oil.
- Excellent compressive strength.
- Very low wear over life time.
- Excellent shift comfort.
- Broad oil compatibility.

WET FRICTION CARBON BASED MATERIALS

Typical properties	Units	8009	8110	8111	8125	6060	8060
Final Thickness	mm	0.39	0.47	0.43	0.40	0.60	0.45
Matrix		Phenolic	Phenolic	Phenolic	Phenolic	Phenolic	Phenolic
Aerial Pressure							
Static / Durable	MPa	> 25 /> 10	> 25 /> 10	> 25 /> 10	> 25 /> 10	> 25 /> 10	> 4
COF	Cof at Pressure	0.12	0.12	0.11	0.12	0.12	0.12
(Average)	(Durable)	at 10 Mpa	at 4 Mpa				
Carbon Content	%	50	50	50	50	50	50
Weave Style		Twill	Twill	Twill	Twill	Panama	Twill



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