



Hybrid Technology (HT) friction clutch plates utilize a Raybestos® Powertrain proprietary OE friction material and a unique groove pattern to reduce stresses during shifts to keep the components cooler, improve performance and extend the life of every rebuild. HT frictions seamlessly combine the fluid flow dynamics of a segmented friction lining with the strength and durability of a full friction ring to exceed OE expectations.



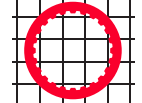
**E/M RATIO 1:1
FOR SMOOTH SHIFTS**



**INCREASED
TORQUE CAPACITY**

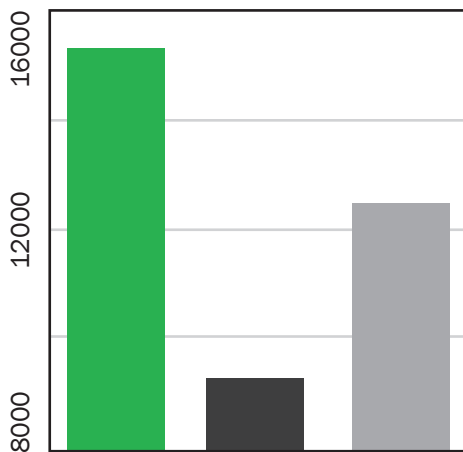


**HIGHER HEAT
RESISTANCE**



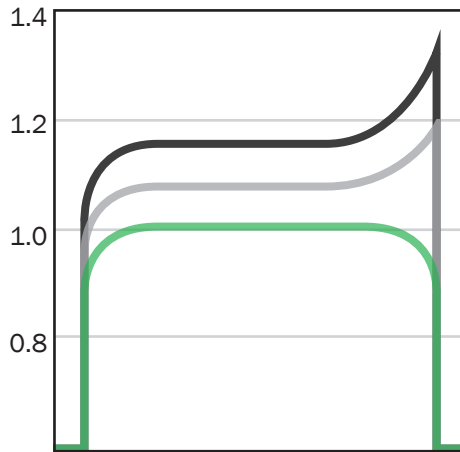
**TIGHT PRODUCTION
TOLERANCES**

DURABILITY TEST - SAE J2489 TEST CYCLES SURVIVED



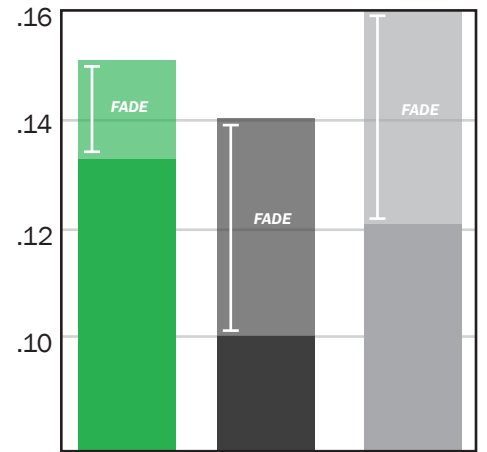
HT Most durable. Survived 15,200 test cycles.
Friction A Least durable. Survived 9,200 test cycles.
Friction B Failure after surviving 12,200 cycles.

END POINT/MIDPOINT RATIO RATIO OF FRICTION CO-EFFICIENT



HT - Ratio 1: Fast, smooth shifts
Friction A - Ratio >1: Harsh shifts
Friction B - Ratio >1: Harsh shifts

FRICION CO-EFFICIENT - SAE J2487 PERFORMANCE COMPARISON (OVER LIFE OF TEST)



HT Consistent, with least fade overtime.
Friction A Significant fade in performance.
Friction B Significant fade in performance.

Notable HT Applications (Many more applications available. Please contact your customer service representative.)

4R70W (AOD)

RHT96-108	Module	94-UP	RHT96-030	Mod w/stamped drums	90-93
RHT96-031	Mod (6) RH560570	93-UP	RH560570	Direct Clutch	94-UP
RHT96-073	Mod (6) Directs	94-95	RH560575	Intermediate	93-UP

A604

RHT96-009	Mod A604/606, 41TE, 42LE	90-UP
RHT96-313	Mod A604/606, 41TE, 42LE	90-UP (H.E)
RH558250	A604/606 Friction	90-UP