

# FRICTION MATERIAL **ENGINEERING DATA**





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.





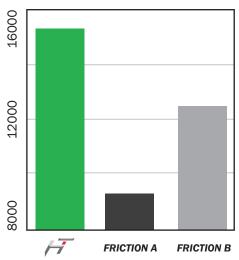


HIGHER HEAT RESISTANCE

FOR SMOOTH SHIFTS TORQUE CAPACITY

TIGHT PRODUCTION **TOLERANCES** 

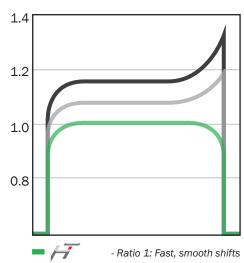
### **DURABILITY TEST - SAE J2489 TEST CYCLES SURVIVED**



Most durable. Failure after Least durable. surviving Survived 15,200 Survived 9,200 test cycles. test cycles. 12,200 cycles.

# **END POINT/MIDPOINT RATIO**



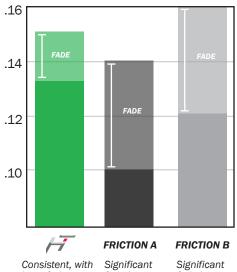


FRICTION A - Ratio >1: Harsh shifts

FRICTION B - Ratio >1: Harsh shifts

#### FRICTION CO-EFFICIENT - SAE J2487

PERFORMANCE COMPARISON (OVER LIFE OF TEST)



least fade overtime.

fade in performance.

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