Raybestos® POWERTRAIN | ENHANCED PERFORMANCE

OE SUPPLIER

PRO-SERIES™ BANDS

Today's engines and transmissions are smaller and more powerful than ever before. They require higher drum speeds, more horsepower, increased loading and higher energy absorption. That high energy equates to extreme heat, which can degrade and destroy transmissions. Raybestos® Powertrain has developed an affordable, high-energy band that addresses this problem of high stress in small packages. The premium Pro-Series™ band is constructed of Kevlar® fibers, along with solids and resins that enhance band performance.

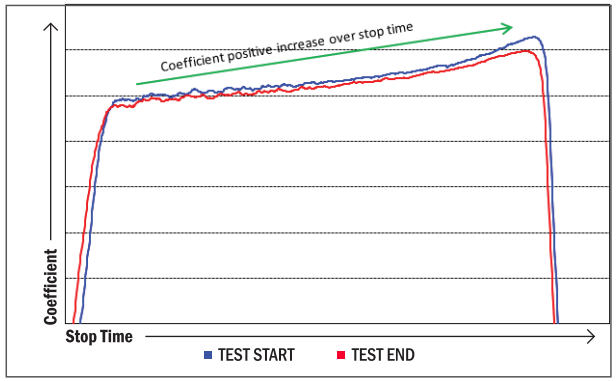
RECOMMENDED USE:
Heavy duty, towing and high performance rebuilds.

- INCREASED DURABILITY
- HEAT-TREATED ANCHORS
- RESISTS HEAT UP TO 700°F
- HIGHER HOLDING CAPACITY
- KEVLAR® FIBER BLEND

OE BAND MATERIAL PERFORMANCE CHARACTERISTICS

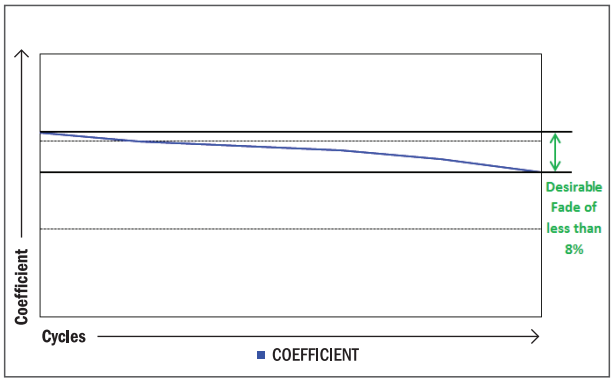
Tests were performed on OE Bands using OE Approved procedures for product qualification testing.

FRICTION BAND EVALUATION TESTING
COEFFICIENT PROFILE



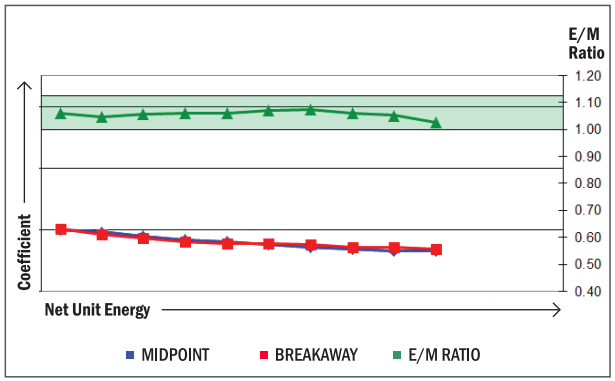
- *500 cycle test with Friction Coefficient recorded at the beginning and the end of the test, represented by the Blue and Red traces.*
- *Data is combined average of 3 tests with Raybestos OE Band Material.*
- *The curve shows a positive increase in coefficient as a function of stop time which is a desirable function that enables a 'Slip and Grab' action for a holding clutch (band), and indicates that the Raybestos OE Band material is an excellent choice for bands.*

FRICTION BAND DURABILITY TESTING
DURABILITY COEFFICIENT



- *10,000 + cycles to evaluate the durability of the band*
- *Coefficient data is recorded at each 2000 cycle interval.*
- *The trace shows excellent fade resistance with the overall coefficient fade over the life of the test (10,000 cycles) is less than 8%.*
- *Average Wear (3 tests) of only 0.138 mm over 10,000 cycles.*

SAE J2487 - STEPPED POWER
COEFFICIENT VS. UNIT ENERGY



- *The Raybestos OE Band material attains a high energy level in the stepped power test. The friction coefficient and E/M ratio (End-point Coefficient to Mid-point Coefficient) are maintained very well through each level completed.*
- *The E/M Ratio is constant above 1.0 which represents a high pre-lockup (engagement) coefficient, enabling the 'Slib and Grab' action required for optimal band performance.*

MAKE	TRANSMISSION	YEAR	COMPONENTS	OE NO.	PART NO.
CHRYSLER	A500 / 44RE, A500 / 40RH, 42RH, 44RH, A500SE / 42RE, A904 / A500	1988-2001	Intermediate Rayflex®, Pro Series® High Energy	4617849	RPS40961
CHRYSLER	A518 / 46RH, A518ES / 46RE, A618 / 47RH, A618ES / 47RE, 48RE	1990-E07	Intermediate (Wide) High-Performance Band, Pro Series® High Energy	2124342, 4329853, 52854253AA	RPS38961W
CHRYSLER	A518 / 46RH, A518ES / 46RE, A618 / 47RH, A618ES / 47RE, 48RE	1990-E07	Intermediate, Kickdown Band RayFlex®, Pro Series® High Energy	2124342, 4329853, 52854253AA	RPS38961
CHRYSLER	TF6, A904 / 30RH, A998 / 31RH, A999 / 32RH	1960-2003	Intermediate Rayflex®; Pro Series® High Energy	4617849	RPS40961
CHRYSLER	TF8, A727 / 36RH / 37RH	1962-1999	Intermediate (Wide) High-Performance Band, Pro Series® High Energy	2124342, 4329853, 52854253AA	RPS38961W
CHRYSLER	TF8, A727 / 36RH / 37RH	1962-1999	Intermediate, Kickdown Band RayFlex®; Pro Series® High Energy	2124342, 4329853, 52854253AA	RPS38961
FORD	5R55N, 5R55W, 5R55S	1999-ON	Overdrive, Intermediate Pro-Series™	5L2Z-7D034-AA	RPS59861
FORD	AOD, AODE, 4R70E, 4R70W, 4R75W	1992-ON	Overdrive Pro Series® High Energy	F2TZ-7F196-A-HP, F2VP-7F196-BA	RPS54010
FORD	C3, A4LD, A4LD-E, 4R44E, 4R55E, 5R44E, 5R55E	1999-ON	Overdrive, Intermediate Pro-Series™	5L2Z-7D034-AA	RPS59861
FORD	C4, C5	1965-1986	Intermediate Rayflex®, Pro Series®	D9AP-7D034-AA	RPS45861
FORD	C6	1976-1996	Intermediate Pro Series® High Energy	D9AZ-7D034-B, D9AZ-7D034-B-HP	RPS49861
GM	POWERGLIDE	1962-1979	HP Aluminum Low Brake	NA	RPS8314
GM	TH200, TH200C	1978-1987	Intermediate Rayflex® Pro Series® High Energy	8628098-HP, 8628098HP, 8657200-HP, 8657210	RPS77200
GM	TH200-4R, TH325, TH325-4L	1976-1990	Intermediate Pro Series® High Energy	8628098-HP, 8628098HP, 8657200-HP, 8657210	RPS77200
GM	TH700-R4, 4L60, 4L60E, 4L65E, 4L70E	1984-ON	2nd, 4th Pro Series™ (2.6" Wide)	NA	RPS77765
GM	TH700-R4, 4L60, 4L60E, 4L65E, 4L70E	1982-ON	TH700-R4 2nd, 4th Pro Series™ (2.2" Wide)	24201131, 24201131HP, 8654144	RPS77700