

ROTORS & DRUMS



THE BEST IN BRAKES

Raybestos[®]
The best in brakes

www.raybestos.com

A Guide to **Raybestos® Rotors and Drums**

R-300™ Performance Rotors

Raybestos® R-300™ Performance Rotors deliver improved pedal feel, lasting rust prevention and increased pad life. Towing and high performance vehicles experience stronger bite without foregoing smooth braking.



Raybestos® Police Rotors

Delivering unmatched noise control on city streets, and supreme stopping power during highway pursuits, law enforcement fleets trust Raybestos® Police rotors for their patrol and pursuit applications.



Advanced Technology™ Rotors

Developed for demanding situations like severe duty, fleet, enthusiast and high performance. Raybestos® Advanced Technology™ Rotors meet the fit, form, and function of the OE to deliver best in class performance and durability.



RPT Rust Prevention Technology™ Rotors

Raybestos® RPT Rust Prevention Technology™ coated rotors use Grey Fusion 4.0™ corrosion resistant coating, which helps withstand exposure to the elements.



Professional Grade™ Rotors

Created for everyday driving conditions, Raybestos® Professional Grade™ rotors provide the highest level of dependability, safety and performance.



Professional Grade™ Drums

Industry leading category coverage to trucks, police, taxi and fleet-type vehicles that require severe duty performance. Raybestos® Professional Grade™ drums meet the fit, form, and function of the OE for an extra-long service life.



R-300™

Performance Rotors

Performance You Can Feel

Delivering all that serious drivers expect, Raybestos® R-300™ Performance Rotors provide improved pedal feel, lasting rust prevention and increased pad life. These performance rotors deliver less pedal effort and more braking power while towing and high performance vehicles experience stronger bite without sacrificing smooth braking.

- **Patented S-Groove Slot Designs for Improved Pedal Feel**

- Maximizes pad to rotor contact for stronger bite, smoother braking and increased pad life
- Prevents brake fade and promotes simultaneous out-gassing for superior panic-stop braking
- Less prone to cracking than traditional drilled rotor designs

- **Vehicle Specific Vane Configurations**

- OE-matched cooling vane configurations for optimal cooling, reduced brake fade and increased pad life

- **Application Specific Iron**

- Enhanced iron maximized noise suppression and long, thick carbon fibers help absorb noise
- Higher thermal conductivity keeps brakes running cool, quiet and vibration free

- **Black Fusion Coating**

- Improves appearance for a clean, finished look

- **Grey Fusion 4.0™ Coating**

- Corrosion resistant coating can withstand 300 hours of salt spray per standard ASTM-B117
- Keeps rotor edges and vanes clear of rust longer for optimal airflow and cooling

- **Non-Directional Pattern**

- Can use on all four corners of the vehicle to simplify ordering
- Eliminates the need for unique right and left part numbers

- **Tightest Lateral Run-Out**

- 0.05mm (0.002") or less for reduced pedal pulsation and brake noise
- Extended pad life

- **Minimal Thickness Variation**

- Rotors thickness variation is less than 0.01mm (0.0004")
- Minimizes pedal pulsation and brake noise

- **Mill Balanced**

- 100% validation ensures proper balance
- Minimizes vibration



Patented "S-GROOVE" SLOT design

- Improves pedal feel
- Increases pad life
- Improves out-gassing

Non-Directional Rotation

Rust and Corrosion Resistant

R-300
PERFORMANCE ROTOR

Police

Rotors

Police Agency Tested

Delivering unmatched noise control on city streets, and supreme stopping power during highway pursuits, law enforcement fleets trust Raybestos® Police rotors for their patrol and pursuit applications.

- **Damped Iron Metallurgy**
 - Reduces vibration and suppresses noise for quiet braking
- **Specific Vane Design**
 - Unique design allows for optimal cooling and performance
 - Increases air flow to resist brake fade
- **Polymer Coating**
 - Provides superior protection against the elements
- **Years of Research and Testing**
 - Ensures industry-leading performance
- **Most Complete Coverage**
 - Front and rear coverage for police vehicles
- **Grey Fusion 4.0 Coating**
 - Improves appearance, prevents rust and extends rotor life

Police specific vane configuration enhances cooling airflow throughout the rotor allowing for optimal heat dissipation.



Raybestos®
The best in brakes®

Advanced Technology™

Rotors

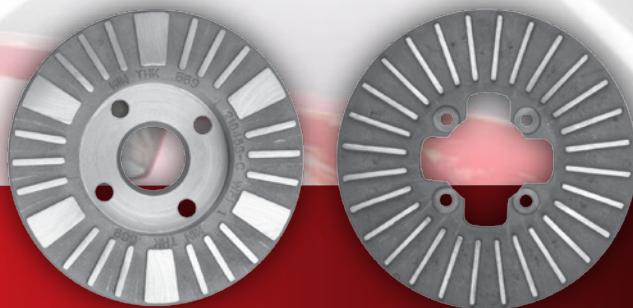
The Best Noise Solution

Developed for demanding situations like severe duty, fleet, enthusiast and high performance, Raybestos® Advanced Technology™ rotors offer the best solution for noise-prone applications. They meet the fit, form, and function of the OE, to deliver dependable performance and durability. Vehicle specific cooling vane configurations and application specific iron combine to dampen noise and improve responsiveness for braking that is super-smooth and ultra-quiet.

- **Vehicle Specific Designs**
 - Match OE form, fit and function for ultimate strength
- **Black Fusion Coating or Grey Fusion 4.0™ Coating**
 - Protective coating improves appearance for a clean, finished look
- **Mill Balanced Edges**
 - 100% validation ensures proper balance
 - Minimizes vibration
- **Vehicle Specific Vane Configurations**
 - OE-matched cooling vane configurations for optimal cooling, reduced brake fade and increased pad life.
- **Application Specific Iron**
 - Enhanced iron maximizes noise suppression
 - Long, thick carbon fibers help absorb noise
 - Higher thermal conductivity keeps brakes running cool, quiet and vibration free
- **Turned Finish**
 - Ready to install right out of the box
 - Helps further minimize noise and improve responsiveness for smoother stops
 - OE-matched surface finish to ensure that the friction material transfers properly to the rotor surface
- **Tightest Lateral Run-Out**
 - 0.05mm (0.002") or less for reduced pedal pulsation and brake noise
 - Extended pad life
- **Minimal Thickness Variation**
 - Rotor thickness variation is less than 0.01mm (0.0004")
 - Minimizes pedal pulsation and brake noise



**Vehicle Specific
Vane Configurations**



Raybestos®
The best in brakes®

RPT

Rust Prevention Technology™ Rotors

Coated for Less Rust and Longer Service Life

Originally created for hardworking truck, police, taxi and fleet-type vehicles that endure extreme conditions and require extra-long life, Raybestos® RPT Rust Prevention Technology™ rotors are the perfect choice for vehicles that endure prolonged exposure to rain, salt and snow. Grey Fusion 4.0™ corrosion resistant coating helps withstand exposure to the elements and they are tested to meet or exceed salt-spray test standard ASTM-B117 which surpasses the original equipment requirement for car and truck rotors. Delivering best-in-class performance and ultra-smooth braking, RPT Rust Prevention Technology™ rotors maximize friction life.

- **Lasting Protection**

- Full Grey Fusion 4.0™ coating provides maximum protection from corrosion and comebacks

- **Tested and Proven**

- Years of field testing prove these rotors stand up to rain, salt and snow

- **Improved Cooling**

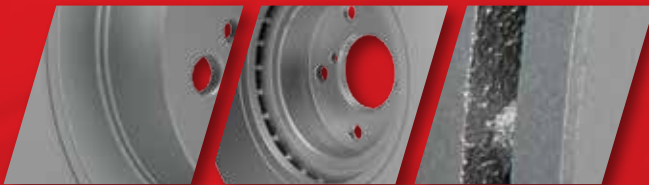
- Coating keeps rotor edges and vanes clear of rust longer for optimal airflow and cooling

- **Specialized Coating Formula**

- Zinc and aluminum in the coating increase shielding abilities

Full External Grey Fusion 4.0™ Coating

Meets or Exceeds Salt-spray Test Standard ASTM-B117



RPT

RUST PREVENTION TECHNOLOGY



Raybestos®
The best in brakes®

Professional Grade™ Rotors



Deliver the Highest Level of Dependability

Created for everyday driving conditions, Raybestos® Professional Grade™ rotors provide the highest level of dependability, safety and performance. They deliver the most complete application specific line on the market.

- **Fit, Form and Function**
 - Form, fit and function are validated from OE samples
- **Rotors Meet SAE Standard for Tensile Strength**
 - OE-matched SAE International Standard, SAE J431 G3000 (DIN EN 1691 GG-20) qualified material for structural integrity and maximum service life
- **Industry Leading Coverage**
 - For many global vehicles, light trucks and SUVs
 - First to market on select applications
- **Non-Directional Ground Finish**
 - Ready to install right out of the box
- **Tight Lateral Run-Out**
 - 0.10mm (0.004") or less for reduced pedal pulsation and brake noise
 - Extended pad life
- **Minimal Thickness Variation**
 - Rotor thickness variation is less than 0.013mm (0.0005")
 - Minimizes pedal pulsation and brake noise
- **Mill Balanced Edges**
 - 100% validation ensures proper balance
 - Minimizes vibration

OE Matched Vane Configuration

Raybestos®
The best in brakes®

Professional Grade™

Drums

Extra-long Service Life

Raybestos® Professional Grade™ drums meet the fit, form, and function of the OE for extra-long service life and offer industry leading category coverage for trucks, police, taxi and fleet-type vehicles that require severe duty performance.

- **Drums Meet SAE Standard for Tensile Strength**
 - OE-matched, SAE International Standard SAE J431 G3000 (DIN EN 1691 GG-20) qualified material for structural integrity and maximum service life
- **Vehicle Specific Designs**
 - OE-matched fit, form, and function for best operation and ultimate strength
 - Consistent with ISO/TS16949 quality system standards
- **Optimal Performance**
 - Drums are 100% inspected for balance
 - Smooth brake operation and noise reduction
- **Industry's Most Complete Line of Premium Drums**
 - The best coverage in the industry
- **Critical Balance**
 - 100% validated for balance to ensure proper braking performance



**Matches OE Form,
Fit and Function**

Raybestos®
The best in brakes®



BRAKE PARTS INC™

BRAKE PARTS INC 4400 PRIME PARKWAY MCHENRY, IL 60050 UNITED STATES 1-800-323-0354