

# MERITOR® WHEEL SEALS FOR THE AFTERMARKET



**MERITOR**



## **IDEAS DRIVING RESULTS**

AN EASY-FIT, TOUGH DESIGN,  
FOR SUPERIOR PROTECTION  
AND LONG LIFE.



# PERFORMANCE SEALED IN. DIRT SEALED OUT.



For wheel ends, the road, weather and frequent braking can dish out some serious punishment. And if wheel seals fail, wheel-end performance may be diminished, ultimately leading to costly repairs and downtime.

The leading cause of premature wheel-seal failure is damage to the seal during installation. Meritor wheel seals not only provide outstanding lubricant retention and protection against contaminants, but they are also easier to install, which significantly decreases the potential for damage during installation.

That's the idea behind Meritor wheel seals. The result is longer seal life and a lower cost of operation.

## Easy To Fit. Hard To Damage.

Meritor wheel seals have been designed with an extremely stiff profile and one of the thickest steel cases used in a seal today. So the potential for installation damage is virtually eliminated. Best of all, you can use any tool to install it – even your hands.

## Superior Protection.

The multi-zone labyrinth design and low-friction barrier deliver unmatched durability and protection against dirt, grime, water and other contaminants. The bumper transmits the fitting force from the front of the seal to the outer diameter, and acts as the first defense against contaminants. The multi-zone labyrinth features low-profile section right-angle corners, a low-friction barrier, two rubber wipers and a specifically formulated waterproof grease – for superior protection.

## A Choice Of Grades.

Designed for drive, steer and trailer axles, Meritor wheel seals are available in Standard and Premium versions.

Our Standard wheel seals feature a nitrile compound rubber (NBR) for the sealing lip. Our Premium wheel seals feature a hydrogenated nitrile butadiene rubber (HNBR), offering additional advantages of higher temperature capability, greater wear resistance, and compatibility with all known synthetic lubricants.



# MERITOR WHEEL SEAL BENEFITS

Stiffer profile and thicker steel to withstand fitting forces.

Four outside-diameter seal points to ensure a secure fit in the hub.

Unique low-friction bumper significantly reduces run-in period, reduces required torque and keeps the seal cool from the outset.

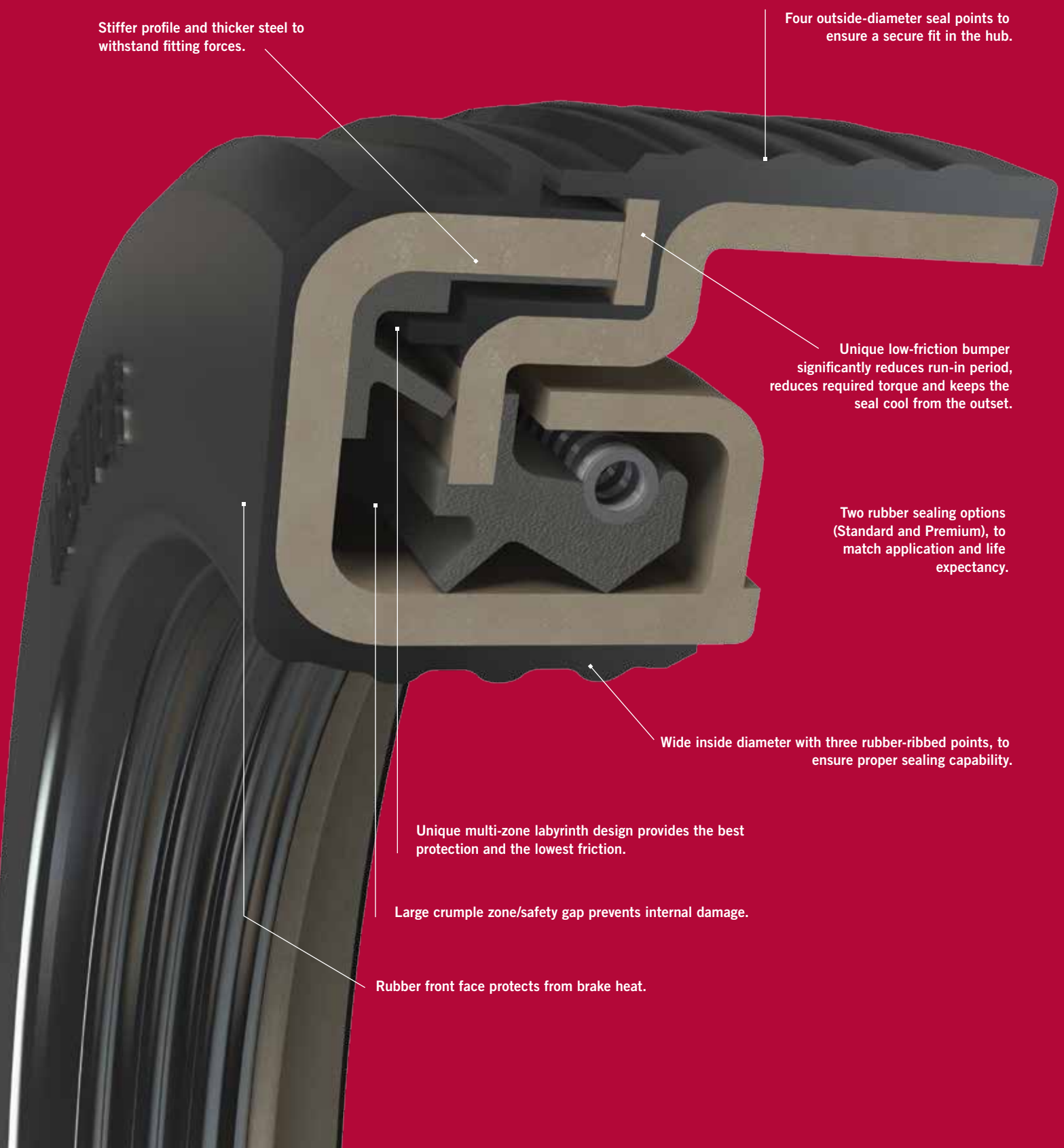
Two rubber sealing options (Standard and Premium), to match application and life expectancy.

Wide inside diameter with three rubber-ribbed points, to ensure proper sealing capability.

Unique multi-zone labyrinth design provides the best protection and the lowest friction.

Large crumple zone/safety gap prevents internal damage.

Rubber front face protects from brake heat.





## Standard Wheel Seals

Meritor Standard	Application	SKF®/CR Classic	National® Red	Stemco® Voyager	DANA®
MER0143	Trailer	46305	370025A	373-0143	—
MER0173	Drive	47697	370003A	393-0173	—
MER0136	Steer	35066	370001A	383-0136	—
MER0123	Trailer	42623	370065A	373-0123	—
MER0112	Drive	38780	370023A	393-0112	—
MER0164	Steer	43764	370048A	383-0164	—
MER0113	Trailer	40136	370036A	373-0113	—
MER0103	Drive	45099	370022A	393-0103	—
MER0104	Drive	42672	370031A	393-0104	—

## Premium Wheel Seals

Meritor Premium	Application	SKF/CR Plus XL Longlife	National "Gold" 5-Star	Stemco Discover	DANA Outrunner
MER0243	Trailer	46300	380025A	373-0243	859
MER0273	Drive	47692 / 47691 (ABS)	380003A	393-0273	861
MER0236	Steer	35058	380001A	383-0236	847
MER0223	Trailer	42627	380065A	373-0223	851
MER0212	Drive	38776	380023A	393-0212	849
MER0264	Steer	43761	380048A	383-0264	863
MER0213	Trailer	40129	380036A	373-0213	850
MER0203	Drive	45093	380022A	393-0203	856
MER0204	Drive	42673	380031A	393-0204	852

### Industry-Leading Warranty.

Our Standard wheel seals are backed by a 1-Year/150,000-Mile warranty, while our Premium seals come with a 2-Year/300,000-Mile warranty.

You also have the option to upgrade the warranty on Premium wheel seals to the Platinum Wheel-End Warranty. See your sales representative for details, or refer to the Wheel Seal Warranty publication (SP-1284).





### Part Number Identification

The Meritor wheel seal part number is located on the front of the wheel seal face, as indicated.



### Seal In Performance.

Meritor wheels seals are engineered to deliver optimum performance – protecting against contaminants for long life and low cost of operation. Look for the Meritor wheel seal part number to make sure you're getting the most durable and reliable seal.

### More Protection From An Industry Leader.

Our highly trained customer support team is equipped with the product specification, warranty and service information you need.

For complete support, visit [MeritorPartsOnline.com](http://MeritorPartsOnline.com) – our industry-leading online catalog, ordering and tracking system – with real-time access to complete parts information resources. For the total service and support you deserve, call our Customer Care Center at 888-725-9355 (in Canada, call 800-387-3889). Or visit [MeritorPartsOnline.com](http://MeritorPartsOnline.com).



## IDEAS DRIVING RESULTS

As a world leader in providing aftermarket solutions for the global commercial vehicle and industrial markets, Meritor is committed to providing our customers with innovative aftermarket ideas that deliver the results you need to get the job done faster, better and more efficiently.

Wheel seal and vehicle models, brands and names depicted herein are the property of their respective owners and are not in any way associated with Meritor, Inc., or its affiliates.



Meritor Heavy Vehicle Systems, LLC  
2135 West Maple Road  
Troy, Michigan 48084-7121 USA

U.S. 888-725-9355  
Canada 800-387-3889  
MeritorPartsOnline.com  
meritor.com

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