

Designed for High Flexibility & Heavy Duty Oil Assemblies



Permatex **OPTIMUM BLACK** RTV silicone gasket maker combines maximum oil resistance with high flexibility. The trend is towards increasing use of dissimilar materials (plastic/steel, aluminum/steel, etc.), all which have different rates of expansion and contraction. In addition, with technology advancing, regulations and requirements tightening, designs include thinner metals, fewer fasteners, and wider spread bolt patterns.

The strength and flexibility of **OPTIMUM BLACK** is designed to handle the changes and added stresses that exist between today's lightweight, high performance, and premium component assemblies. It is sensor safe, low odor, and non-corrosive with resistance to oil, shop fluids, and vibration.

Applications

- Oil pans
- Transmission pans
- Valve covers
- Valves and guides
- Timing gear covers
- Differential covers

Item #	Description	Case Pack	Case Dimensions
27037	Permatex Optimum Black 3.35oz Tube	12	4.25" H x 8.5" W x 9.00" L

Permatex OPTIMUM BLACK Gasket Maker FAQ

Where would I use OPTIMUM BLACK?

Use on newer lightweight and premium components where maximum oil resistance is required. **OPTIMUM BLACK** is best for assemblies where dissimilar materials meet. Application examples include valve covers, oil pans, oil pumps, intake manifold end seals, and timing gear covers.

An extra nozzle is included adding convenience, eliminating the hassle of a clogged nozzle, and allowing multiple uses of each tube without loss of product.

What is the difference between ULTRA BLACK and OPTIMUM BLACK?

OPTIMUM BLACK is up to 60% more flexible and 15% stronger than **ULTRA BLACK** while maintaining maximum oil resistance through the use of a patented adhesion system. The strength and flexibility of **OPTIMUM BLACK** allow for dynamic changes in today's lightweight, high performance, and premium component assemblies. Also, an extra nozzle is included adding convenience.

What is the difference between OPTIMUM Gasket Makers and The RIGHT STUFF?

As with our **ULTRA** Gasket Makers, **OPTIMUM** Gasket Makers are RTV silicones that require 24 hours for a full cure. **The RIGHT STUFF** eliminates the need to wait for the gasket maker to cure – just torque and go! The elastomeric technology used in **The RIGHT STUFF** is heavy bodied with 10 times the density of our **ULTRA** and **OPTIMUM** products. It delivers a blowout resistant, heavier and faster sealing bead, outperforming pre-cut or traditional gaskets while offering immediate return to service. Proven effective over millions of miles of fleet testing, **The RIGHT STUFF** will continue to be the professional's choice when time is of the essence.



The technical information, recommendations and other statements contained in this sheet are based upon tests or experience that ITW Performance Polymers believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information provided is not intended to substitute for the customers' own testing. Permatex and Design are TMs of Illinois Tool Works Inc. Copyright © 05/2020. Permatex, an Illinois Tool Works company. All rights reserved.