



IPD Differentiation: **IPDStyle™ Heavy-Duty Gasket Materials**

IPD QUALITY GASKET MATERIALS

IPD specifies some of the best gasket materials for each application. Below is a list of high quality, heavy-duty gasket materials that are used in most of IPD's gasket sets:

IPDStyle™ Heavy-Duty High Density Fiber/Metal Composite

Original Equipment (OE) gaskets for certain critical applications use solid metal and/or 3-pc metal shim designs. IPD feels these designs are not the best solution to stop leaks, so IPD specifies this premium type material for selected dynamic and thermally-stressed gasket applications.



**Aramid / Synthetic Copolymer
Rubber Material**

Expanded Steel Core

- Constructed of two high-density aramid and synthetic copolymer rubber sheets that are chemically and mechanically fused to an expanded steel core.
- Excellent sealing performance, load retention, chemical resistance, and radial strength.
- Outstanding overall torque retention, crush and erosion resistance, compressive strength, sealability, and temperature resistance.

IPDStyle™ Heavy-Duty High Temperature Graphite

- Graphite mechanically bonded to perforated tang steel core.
- Excellent cold flow and sealing characteristics.
- Great for cylinder head and manifold gaskets, combines well with fire rings for high pressure environments.



IPDStyle™ Heavy-Duty High Temperature Compressed Fiber

- Synthetic fiber matrix and synthetic copolymer rubber.
- Excellent sealing and torque retention properties.



IPDStyle™ Heavy-Duty High Density

- High density, controlled swell gasket material combined with natural and synthetic copolymer rubber binders.
- Excellent in heavy duty oil sealing applications such as diesel engine oil pans and front covers.



IPDStyle™ Heavy-Duty Compressible

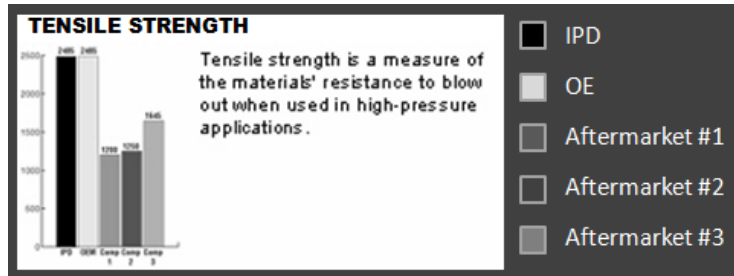
- Combines compressible material with synthetic copolymer rubber.
- Excellent resistance to fuel, oil, coolant and water.



IPD GASKET PERFORMANCE

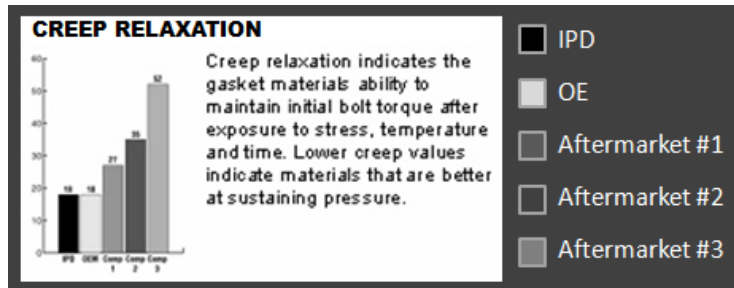
Tensile Strength

IPD's tensile strength matches OE, and measures up to 100% better than the weakest aftermarket example.



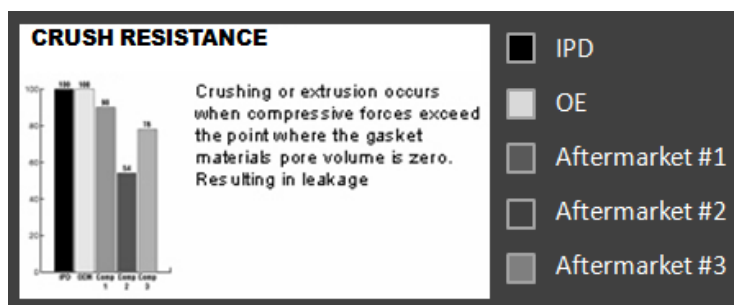
Creep Relaxation

IPD's creep relaxation value matches OE, and is significantly better than the three aftermarket examples.



Crush Resistance

IPD's crush resistance density value (lbs./cu. ft.) once again matches OE, and once again is better than the three aftermarket examples.



SUMMARY

IPDStyle™ Heavy-Duty Gaskets are designed for high performance in heavy-duty applications, using some of the best premium-type materials available in the gasket industry, so that you realize true...**Savings Without Risk!**

Benefits Summary:

- IPD's many years of successful experience with heavy-duty gasket designs/solutions.
- Premium specification materials that are selected for each specific application, and designed for heavy-duty usage.
- Significant savings over OE.
- Innovative, real-world gasket set solutions.
- Available in OE Style configurations, and also IPD's innovative **IPDStyle 1-2-3™** configurations for your convenience.

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