

PERFORMANCE TECHNOLOGY GROUP

A complete range of OEM and Aftermarket gasket materials

Performance Technology Group is a unique product line developed specifically for gaskets in the Original Equipment and Aftermarket Industries. Each material is manufactured to the highest standards of quality and reliability using varied processes and compounds and is targeted to meet a diverse range of performance and engineering requirements while satisfying demanding cost limitations.



Multi-Layer Technology Sheets ("ML") and Advantage Roll Goods ("RG") meet a diverse range of performance and engineering requirements for various sealing applications in diesel and gasoline engines, in drivelines for all types of vehicles as well as gaskets in power equipment, generators, pumps, and compressors.

Multi-Layer Technology Sheets

A unique manufacturing process produces this sealing material with exceptional low flange pressure sealability and torque retention. Conformable outer layers prevent interfacial leakage while the strong, high density core provides structural support and prevents interstitial leakage. Suitable for heavy duty diesel, compressors, and high performance automotive engines.

Advantage Roll Goods

This line of sealing material is comprised of NBR, SBR and polychloroprene bound beater addition materials supplied in roll form. Advantage Roll Goods perform in a wide range of applications from low cost aftermarket to higher performing OEM seals. Advantage Roll Goods may well be nearly identical in composition and specification values to products you are familiar with. Each is a reasonable alternative with comparable performance to other products in its category.



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sealability and permeation resistance to liquids and gases in a wide range of services. These include gaskets in diesel and gasoline engines and drivelines for all types of vehicles as well as gaskets in power equipment, generators, pumps, and compressors.

Multi-Layer Technology Grades and Advantage Roll Goods offer performance plus value. They present a complete, yet cost-effective solution for long-lasting

Multi-Layer Technology Sheets

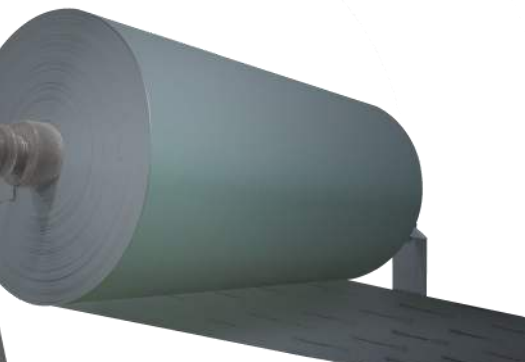
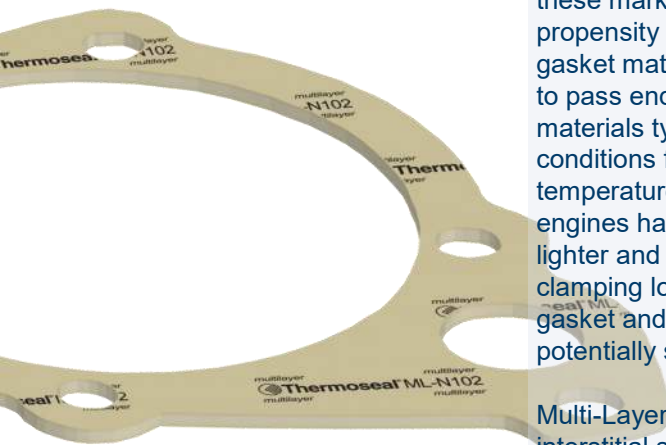
Traditional compressed sheet gasket materials have a long history of success in OEM applications especially in European and Asian markets. Manufacturers in these markets historically avoided beater addition materials because of their propensity to wick fluids over time. This interstitial leakage (leakage through the gasket material) often resulted in unwanted wet edges on gaskets or an inability to pass end-of-assembly-line air pressure checks. High quality compressed sheet materials typically exhibit zero interstitial leakage under the most common conditions found in engines where pressures, fluid aggressiveness, and temperatures are often far below those found in process industries. However, as engines have become more powerful, and all types of equipment have become lighter and often hotter, flanged joint designs often produce lower or uneven clamping loads. This can result in interfacial leakage (leakage between the gasket and flanges). In addition, flange thicknesses are often reduced providing potentially shorter leak paths to the outside of a sealed component.

Multi-Layer Technology materials provide both exceptional interfacial and interstitial sealability. Conformable outer layers prevent leakage between the gasket and flanges and a strong high density core provides structural support while preventing leakage through the gasket. Multi-Layer Technology materials are available in varied compounds to match your application requirements so you can tailor performance to your customer's application.

Advantage Roll Goods

Of course, many applications remain where beater addition gaskets cut from material in rolls are perfectly acceptable and even preferable. Advantage Roll Goods are cost-effective sealing materials each with unique performance characteristics engineered for various types of applications. Continuous length rolls allow efficient and economical fabrication with high speed die cutting equipment. When your customers want an "equivalent" or alternative to the currently specified material, there is an Advantage Roll Good for the job.

Each Advantage Roll Goods material is produced with a base mixture of synthetic, cellulosic, or mineral fibers with nitrile butadiene, styrene butadiene, or polychloroprene binder systems. Products range from low cost to more expensive, but higher performing, grades.



KLINGER Thermoseal

2350 Campbell Road, Sidney, Ohio 45365

Tel: +1 937 498 2222