

APPLICATION ENGINEERING

A) RESPONSIBILITIES

Broadly speaking, the responsibilities of this group may be defined as relating to the print of the product and the performance of the finished part.

The product drawing, of course, contains all the information required to fabricate the finished gasket and includes the contour necessary to fit the given application, the materials required to survive the given environment, and the dimensional tolerances that allow the product to be mass produced, yet function reliably on each and every customer application.

The performance of the finished part is predicated on the design of the gasket, its degree of acceptable manufacture, the dimensional trueness of the customer assembly, and the end use of our product. Any one or combination of these factors may cause product failure. It is the responsibility of this group to identify the specific cause(s) of failure and to either correct or solicit help in correcting these factors.

B) FUNCTIONS

In performing their responsibilities, the members of this group act as product design and development engineers. They analyze the performance requirements of the product and the environmental conditions under which the product must function. They select or design the lowest cost sealing components to survive the expected conditions for the required life of the product. They group and match the components to form a single, integral gasket design that can be made economically and function reliably.