



Vacuum Impregnation Terminology

Vacuum Impregnation

A process that fully seals parts against fluids, gases and other external influences.

Impregnation Resin

A type of resin used to avoid leakage of components and to upgrade surface treatment.

Leak Path/Porosity

A void that exists between two dissimilar materials.

Traditional Sealing Solutions

Traditional sealing methods include potting compounds, silicone blocked wire, hard gaskets and O-rings, form-in-place gaskets and cure-in-place gaskets.

Dry Vacuum Impregnation

The process of drawing a vacuum on the part before introduction of the resin.

Wet Vacuum Impregnation

The process of drawing a vacuum on the part and resin at the same time.

Circular Impregnation System

Fully automated system with high capacity for impregnating high volume parts.

Modular Impregnation System

Offers maximum flexibility for individually adaptable capacities; MIS is best suited for small to mid-sized programs.

Centrifuge

Used to spin excess resin from the part prior to washing and rinsing.