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.