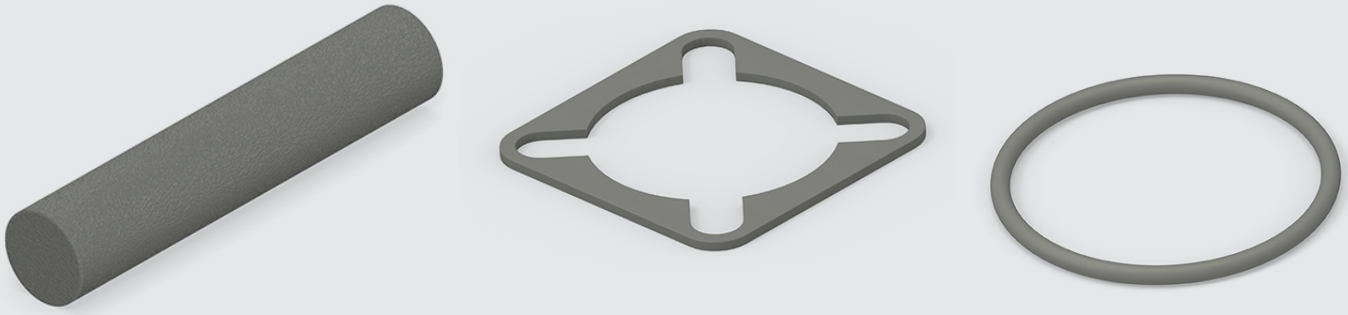
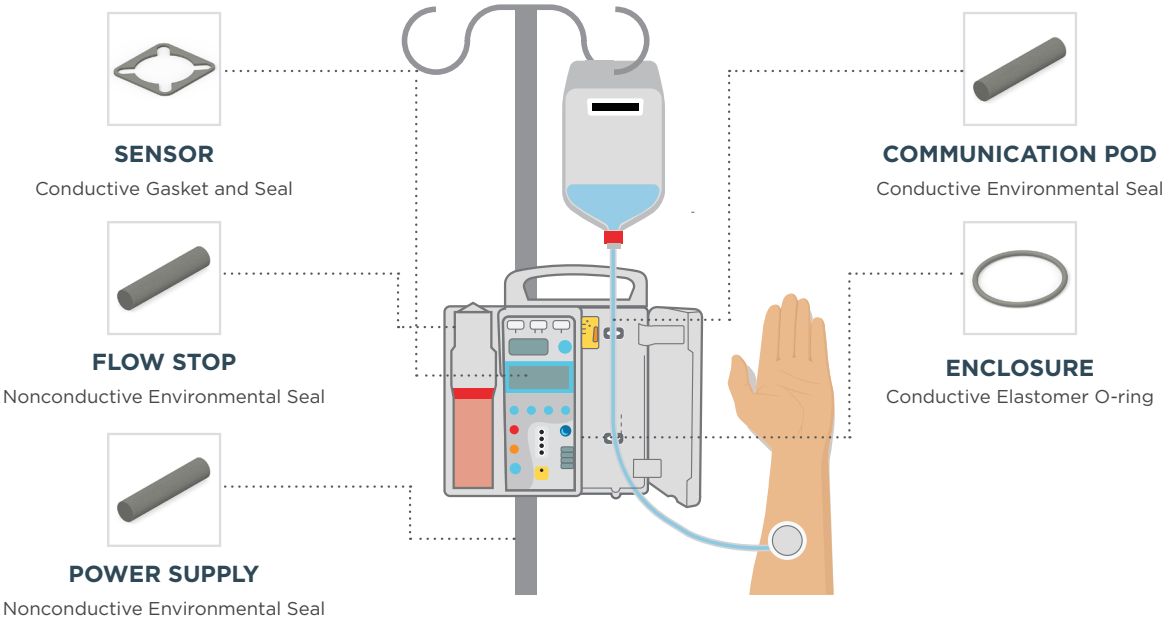


EMI SOLUTIONS FOR INFUSION PUMPS

Infusion Pumps coordinate the delivery of nutrients and medications directly into the body, requiring precise control of fluids. Managing the ability of equipment to function satisfactorily in its electromagnetic environment without introducing intolerable electromagnetic disturbances to other equipment in that environment is crucial. Shielding of the enclosure is just as important and solves the problem of radiated emissions and susceptibility. There are many types of EMI Shielding capable to protect all the critical components and increase performance, reliability and value to medical professionals. With the current trends and demands on the medical industry, TE Connectivity's EMI shielding technology with costs and quality of life at the heart of our manufacturing.

TE CONNECTIVITY ADVANTAGES

- Customization Capability
- Engineering Expertise
- Industry Experience
- Manufacturing Scale
- Portfolio Breadth



EMI SHIELDING FOR INFUSION PUMPS

EMI Solution	Application	Key Product Features	Benefits
Conductive Elastomer O-Ring	• Enclosure • Communication Pod	• Conductive elastomers can provide great EMI shielding performance at a relatively low cost • Range of different materials and profiles available to suit the application including a UL94-V0 material"	• Material options to provide required EMI performance and galvanic compatibility • Provide low contact resistance between connector and enclosure
Conductive Gasket	• Sensor • Power Supply	-	• Ensures additional electrical bonding between the surfaces with a very low contact resistance
Non-conductive Environmental Seal O-Ring	• Housing Flow stop	• The groove also forms a compression stop for the O-Ring gasket	• Provides an environmental seal by achieving metal to metal contact Moisture or pressure sealing
Conductive Elastomer	• Communication Pod	• Fully cured silicones or fluorosilicone loaded with a variety of highly conductive particles providing superior EMI/RFI shielding performance combined with excellent environmental sealing	• Ensure complete electrical conductivity is maintained across the joint • Ensure galvanic compatibility whilst providing low contact resistance between mating surfaces