

## KLINGERLASTIC Elastomers



*Elastomeric sheet compounds mark the entry level to Klinger's sheet-sealing range of products. Consisting of base polymers with the insertion of vulcanising agents, fillers, pigments and various additives, elastomeric gaskets offer effective, low sealing stress seals typically for low temperature, low pressure applications. Elastomeric gaskets have relatively soft compression characteristics requiring relatively low loads to effect a seal, incorporated with excellent recovery properties due to their self-energising behaviour.*

### **NATURAL RUBBER (NR)**

*Natural rubber exhibits exceptional elongation, tear strength and recovery properties. It has poor resistance to ozone, oxygen and sunlight weathering. Natural rubber has high wear and abrasion resistance. The material is suitable for moderate acids, alkalis, salt solutions, petroleum and solvents. It is considered unsuitable for use with strong acids, fats, greases and most hydrocarbons. Temperature range -50 to 120 deg C*

### **NITRILE (NBR)**

*Nitrile is a synthetic rubber offering improved chemical resistance and temperature capabilities to neoprene. The material offers good resistance to oils and solvents, aromatic and aliphatic hydrocarbons, petroleum oils and gasolines, animal fats and lacquer solvents. It offers poor resistance to strong oxidising agents, chlorinated hydrocarbons, ketones and esters. Temperature range -50 to 120 deg C*

### **VITON (FPM)**

*Viton (Fluorinated Hydrocarbon) offers excellent resistance to acids, aliphatic hydrocarbons, oils gasoline and many industrial applications. The material offers excellent resistance to temperature, weathering and gas permeability. It is not suitable for use against amines, esters, ketones, steam or low temperature service. Temperature range -30 to 200 deg C*