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## *SEALUX – Corrugated Gaskets*

**Made from a corrugated metal sheet, with or without soft material layers to ensure sealing at low tightening stress, these gaskets are particularly used in heat exchangers. Their main advantage is very low relaxation, even under demanding conditions. This is especially noticeable in heat exchangers during flange thermal expansion, where it helps prevent radial shear of the gasket.**

**In summary, this type of gasket maintains good sealing performance even under repeated thermal cycles. Reliable sealing is ensured even at low tightening loads. Finally, unlike metal-plastic gaskets, corrugated gaskets are able to accommodate flange surface imperfections.**

### **Materials**

#### **Metal Corrugation**

**Available in thicknesses ranging from 0.5 mm to 3 mm, the metal core is generally manufactured from stainless steel (SS316, SS304, etc.).**

#### **Coating**

**Most commonly made of graphite, this coating ensures effective sealing even under low tightening conditions. The coating can also be made of PTFE, mica, high-temperature braid, etc., when operating conditions require it.**

