PTFE gasket material
structured PTFE sheets
multidirectionally exp. PTFE sheets
multidirectionally exp. PTFE tapes
multidirectionally exp. PTFE gaskets
Braided gland packings
Carbon / Graphite packings
PTFE packings
PTFE / Aramid packings
Aramid packings
Graphite packings
Graphite sheets
multidirectionally exp. PTFE tapes
multidirectionally exp. PTFE sheets
multidirectionally exp. PTFE tapes
multidirectionally exp. PTFE gaskets
Braided gland packings

Glass packings
Acrylic packings
Rame packings
Polyimide packings
Novoloid packings
Nomex packings
Preformed packing rings
Compressed fibre sheets
Carbon / Graphite
/ NBR
Aramid / NBR
Cellulose / NBR
Graphite sheets
Graphite sheets with plain metal insert
Graphite sheets with tanged metal insert
Pure graphite sheets
Gaskets
PTFE envelope gaskets
Cut gaskets
Gaskets with metal eyehlets
Double packed gaskets
Spiral-wound gaskets
Kammprofile gaskets
Hand and manhole gaskets
Tank lid gaskets
Braided gland packings
Jomppak
Injection gun
Jomppak injectable compounds
Seal Cage System

Expansion Joints
Metallic and Non-Metallic Expansion Joints
Accessories
Various packing cutters
Packing extractors
Circular gasket cutter
and many more...

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Spiral-wound gaskets open a further dimension for safe and effective sealing.

The necessity to seal effectively under high pressure- and temperature variations, flange rotation and vibrations demands a gasket with adequate stress retention, flexibility and recovery. Spiral-wound gaskets have been especially designed for this purpose.

Spiral-wound Styles

911
This is simplest style of spiral wound gasket, consisting of a circular winding without centering or inner rings. Spiral wound gaskets Style 911 are mainly used in tongue and groove or male and female. They are also used in equipment with space and weight limitations.

911M
A style 911-M gasket is a sealing winding with an inner ring. The purpose of this ring is to fill out the space between the flanges, avoiding turbulence in the flow of the fluid or as a protection against corrosion or erosion. It is also used as a compression limit when the seating stress is greater than 210 MPa. Gaskets with PTFE filler have a tendency to inward buckle thus the use of an inner ring is recommended if the gasket is to be installed with a non-confined inside diameter.

913
The construction of this gasket is circular metal winding with an outer guide ring. The sealing element is made of the specified metal and soft sealing material. The standard pipe size gaskets are made to ASME B16.20 and EN 1514-2. These gaskets are used in a very wide variety of applications.

913M
The 913M is the standard spiral wound gasket with an inner and outer ring. The purpose of the inner ring is to fill out the space between the flanges, avoiding turbulence in the flow of the fluid or as protection against corrosion or erosion. It is also used as a compression limit. Gaskets with PTFE filler have a tendency to inward buckle thus the use of an inner ring is required by ASME B16.20. Inner rings are also required with ASME standard spiral wound gaskets with flexible graphite fillers unless the purchaser specifies otherwise and some sizes and pressure class require inner rings regardless of fill material.

914
Style 914 spiral wound gaskets are windings in non-circular forms like oval, rectangular and square with rounded corners, diamonds, oblong or pear shaped. Style 914 gaskets are used in boiler handholes and manholes, equipment, engine head-gaskets and exhaust systems. Inner rings should also be used for many of these applications.

Correct selection and installation of spiral-wound gaskets:

Most gasket failures originate from wrong selection or improper gasket installation. To achieve best sealing results please consider the following:

1. Gasket selection:
   Did you choose correct size and pressure class?
   Are the winding-, filler- and ring materials suitable for the application?

2. Flange control:
   Are the flanges clean and surfaces free of damage?
   Do the flanges have correct surface roughness?
   Recommended surface roughness Ra of flanges for different applications:
   General: 3.2 - 5.1 µm
   Critical: 3.2 µm
   Vacuum: 2.0 µm

3. Bolt control:
   Are the bolts dimensioned and free of damages?
   Is the thread and base on nut clean and well lubricated?
   Important: torque bolts in correct sequence!