





Spiral Wound Gaskets use inorganic paper, VALQUAFOIL (expanded graphite) and VALFLON (PTFE) tapes as filler materials, and they exhibit good elasticity by means of a V-shaped hoop. These gaskets are suitable at joints for pipe flanges, heat exchangers, towers & tanks, valve bonnets and other equipment that handle high temperature & high pressure fluids used in various industries including oil refining, chemical, power, gas and shipbuilding.

Name	Filler material	Basic type	With outer ring	With innerr ring	With inner & outer ring
					
CLEANTIGHT	Inorganic paper	No.8590	No.8591	No.8592	No.8596
BLACKTIGHT	VALQUAFOIL tape	No.6590	No.6591 ⁽¹⁾	No.6592	No.6596
WHITETIGHT	VALFLON tape	No.7590	No.7591 ⁽¹⁾	No.7592	No.7596
Lined Mica Filler Spiral Wound Gaskets	Mica + VALQUAFOIL tape	No.M590L	No.M591L	No.M592L	No.M596L
Mica Filler Spiral Wound Gaskets	Mica	No.M590	No.M591	No.M592	No.M596

Note (1) Since No.6591 and No.7591 may cause radial buckling in the inner diameter side depending on service conditions, employ gaskets with inner & outer rings as much as possible.

CLEANTIGHT



VALQUA No. 8590 Series

Features

This is a Spiral Wound Gasket using inorganic paper. The product is more economical compared to other products in which VALQUAFOIL or VALFLON is used.

- ▶ It has high heat resistance.
- ▶ Products that comply with nuclear power specifications are also available.

Applications

The product is suited for general-purpose products of utility lines that handle high temperature and high-pressure fluids.

NONASUPER



VALQUA No. 8590TN

Features

NONASUPER is made by winding hoops (SUS304) around the periphery of 3.2mm thick basic Spiral Wound Gaskets. The product can be used with the same level of tightening force as that of a Compressed Non-asbestos Fiber Sheet.

- ▶ The maximum service temperature is 450°C.

Applications

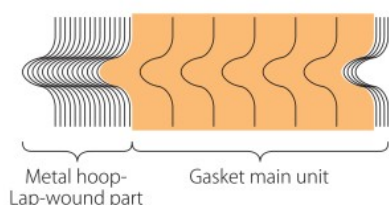
The product is suited for utility lines that handle high temperature fluids.

Dimensions

JIS 10K, JPI Class 150, Max 200A
(Thickness) 3.2mm

Composition

Hoop : SUS304 Filler material: Inorganic paper



■ Dimensions ■

VALQUA No.	Thickness (mm)	Pressure rating
8590TN	3.2	JIS 10K
		JPI Class 150

■ Design data ■

VALQUA No.	Recommended tightening stress ⁽¹⁾ (MPa)
8590TN	30.0

Note (1) The tightening stress corresponds to the projected area of the gasket main body only, and does not include the metal strip lap-wound section.