

## Corrachem 9631/T

### Features

The Corrachem 9631/T corrugated gasket is a high-quality two-component gasket made from PTFE and stainless steel. Its core consists of a corrugated stainless steel profile ring with PTFE on both sides. Gaskets with an outer diameter up to 1,000 mm are produced in a single piece, while for larger dimensions, the metal base plate must be produced in multiple segments and welded together.

### Key physical characteristics

T [°C]	Q <sub>Smax</sub> [Mpa]	Stiffness [500 kN/mm]	
		P <sub>QR</sub> [/]	
		50MPa	Q <sub>Smax</sub>
20	220	0,99	1
200	200	0,87	0,96
400	200	0,85	0,94

T [°C]	Tightness Class L	Q <sub>min/L</sub> [Mpa]
		P <sub>i</sub> [bar]
20	L1.0	10
	L0.1	10
	L0.01	14
	L0.001	22
	L0.0001	40
	L0.00001	85
	L0.000001	144

T [°C]	Tightness Class L	Q <sub>Smin/L</sub> [Mpa]						
		Q [Mpa]						
		10	20	40	60	80	100	160
20	L1.0		10	10	10	10	10	10
	L0.1		10	10	10	10	10	10
	L0.01		10	10	10	10	10	10
	L0.001			11	11	10	10	10
	L0.0001				34	28	25	20
	L0.00001						74	57
	L0.000001							129

### m- und y-Factors

m- und y-Faktoren gem. ASME Boiler and Pressure Vessel Code

Dicke [mm]	m	y [psi]	y [MPa]
2,50		2900	20

All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.