

## Spiraltherm PTFE 9595

### Features

Spiraltherm PTFE 9595 is a flange seal made from a V-shaped profiled stainless steel tape with spiral-wound pure PTFE middle layer. The ends of the stainless steel tape are spot-welded.

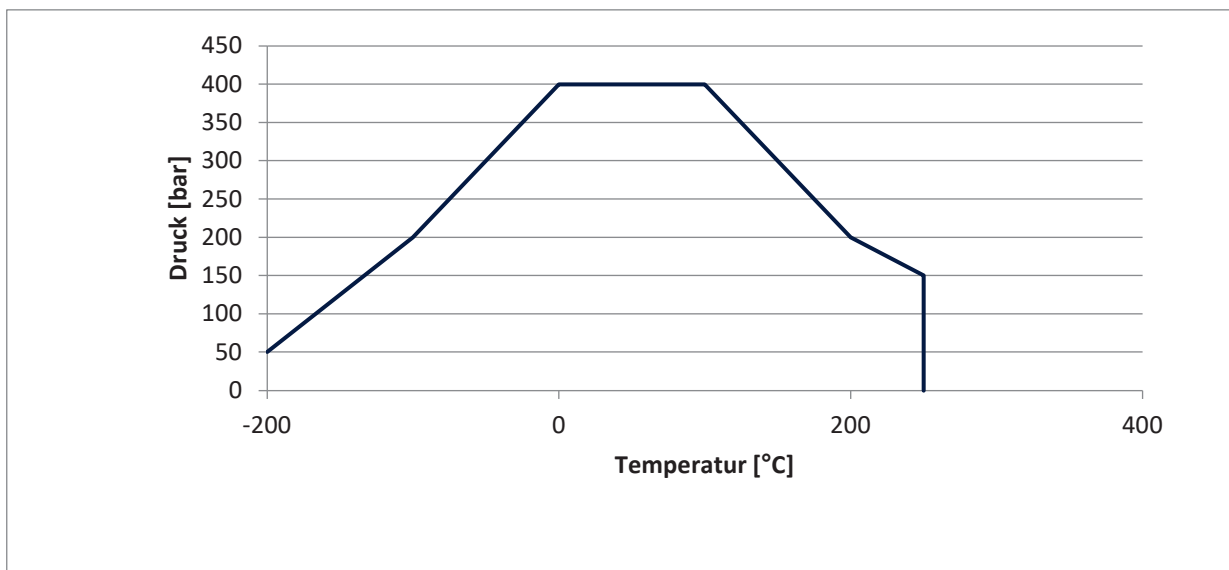
### Key physical characteristics

Art. Nr.	Material	$\sigma_{VU}$	$\sigma_{VO}$	$m$	$\sigma_{B0}$ 100°C	$\sigma_{B0}$ 200°C	$\sigma_{B0}$ 280°C
9595 GA, 9595 VRI	PTFE, 1.4541, 1.4571 u. a.	45	160	1,4	130	120	100
9595 GIA	PTFE, 1.4541, 1.4571 u. a.	45	300	1,4	170	160	140
9596 NF	PTFE, 1.4541, 1.4571 u. a.	55	500	1,4	170	160	140

Roughness depth  $R_z$                       30  $\mu m$                       at pressures above 40 bar and high leak tightness requirements  
 Roughness depth  $R_z$                       50  $\mu m$                       at pressures < 40 bar

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

m	y [psi]	y [MPa]
2,50	10000	70



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.