

Burachem Multi 9654/M

Features

Burachem Multi 9654/M gasket sheet made from 100% pure ePTFE. The special manufacturing method creates a multidirectional fibrillated structure (ePTFE) which gives the gasket its exceptional properties.

Key physical characteristics (2.0 mm thick)

Compressibility	ASTM F36	0,55
Recovery	ASTM F36	0,15
Tensile strength	ASTM F152 and DIN 53504	25 MPa
Elongation	ASTM F152 and DIN 53504	2,13
Sealability	ASTM F37	1,5 – 0,2 ml/h (2bar N2)
Creep relaxation	ASTM F38	12 % (23°C)
Creep relaxation	ASTM F38	37 % (100°C)
Minimum surface pressure during assembly	DIN 28090 EN 13555	25MPa (40 bar; L 0,01)
Minimum surface pressure During service	DIN 28090 EN 13555	<10 MPa (L 0,01)
Maximum surface pressure	DIN 28090	100 MPa(230°C)

m- und y-Factors

Thickness	m	y (PS), y (Mpa)
	2,5	2800, 19,31

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.