



FH Münster

Center of Sealing  
Technologies

Bürgerkamp 3  
D-48565 Steinfurt

# Certificate

**Z12100801-1**

The gasket type  
**UNISIL CI 31**  
of the manufacturer

**UNI KLINGER LIMITED**  
**Gat No. 1240, S. No 140**  
**Village Vadu BK**  
**Tal-Shirur, Koregaon Bhima**  
**Pune – 412216**  
**India**

has been tested in compliance with BS7531:2006 by the Department of Gasketing Research of the University of Applied Sciences Münster.

The tested gasket material complies in all respects with the requirements of BS7531:2006, Specification for rubber bonded fibre jointing for industrial and aerospace purposes. Grade Y.

Material	Name:	UNISIL CI 31
	Type:	Rubber bonded fibre gasket
	Thickness:	1.5 mm
Test results	Residual stress at 300 °C (tests 1 to 3):	23.2 / 23.2 / 23.6 MPa
	Flexibility test:	No visible delamination or cracks
	Compressibility test, avg. impression:	4.8 %
	Gas permeability (tests 1 to 3):	0.85 / 0.84 / 0.83 ml/min
	Resistance to fluids test, average thickness increase	
	o Water:	3.2 %
	o Oil IRM 903:	2.4 %

This test certificate is only valid in combination with the test report 12100801 dated on April the 18th 2014.

Steinfurt, 18.04.2014

Prof. Dr. A. Riedl