

MERKEL THERMAPACK 6401

Ideal for extreme high temperature static application



Merkel Thermapack 6401 is made from high quality silicid acid yarn capable of withstanding extremely high temperatures. In addition the packing contains a high temperature impregnation.

Please note: As known, ceramic fibres with a diameter ≤ 6 microns are classified as harmful to health according to most recent WHO and EC regulations. 6401 is made from non-ceramic fibres ≥ 9 microns which eliminates the risk to health and it is harmless to the respiratory system and therefore is not classified as harmful according to WHO and EU regulations 97/96/EC, 67/548/EEC and TRGS 905.

Application

Ideally suited for the static sealing of boilers, ovens and heat exchangers and also for insulation purposes

Media

Nearly all chemicals in the pH-range 5 -9, organic compounds and water, cold and diluted lyes.

VALUES TO THE CUSTOMER

- Very high temperature resistant
- Additional impregnation for good sealing ability
- No associated health risks

Operating conditions

Static applications		
p	1 MPa	145 psi
T	-50...+1100°C	-58...+2012°F
pH	5...9	5...9

mm	inch	g/m	m/kg	kg/box
4		19	62.5	1
5	3/16	25	40.0	1
6		36	27.8	1
	1/4	41	24.4	1
8	5/16	64	15.6	2
9	3/8	90	11.1	2
10		100	10.0	2
12		144	6.9	3
	1/2	161	6.2	3
14	9/16	196	5.1	3
15		225	4.4	3
16	5/8	256	3.9	3
18		324	3.1	3
19	3/4	361	2.8	3
20		400	2.5	5
22	7/8	484	2.1	5
25	1	625	1.6	10

Also available in pre-cut lengths.