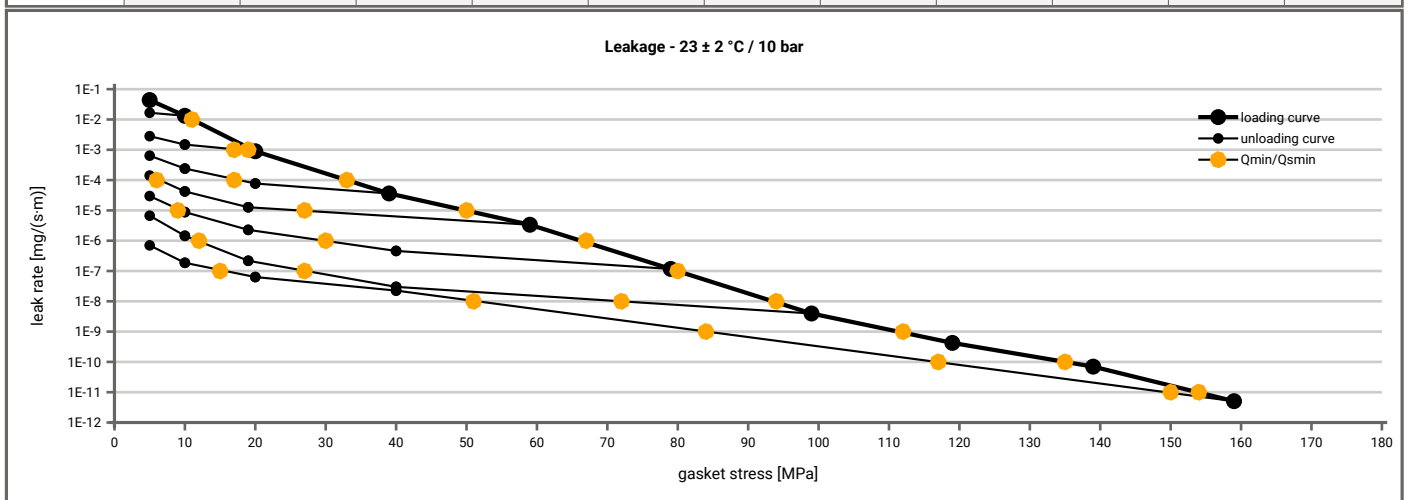


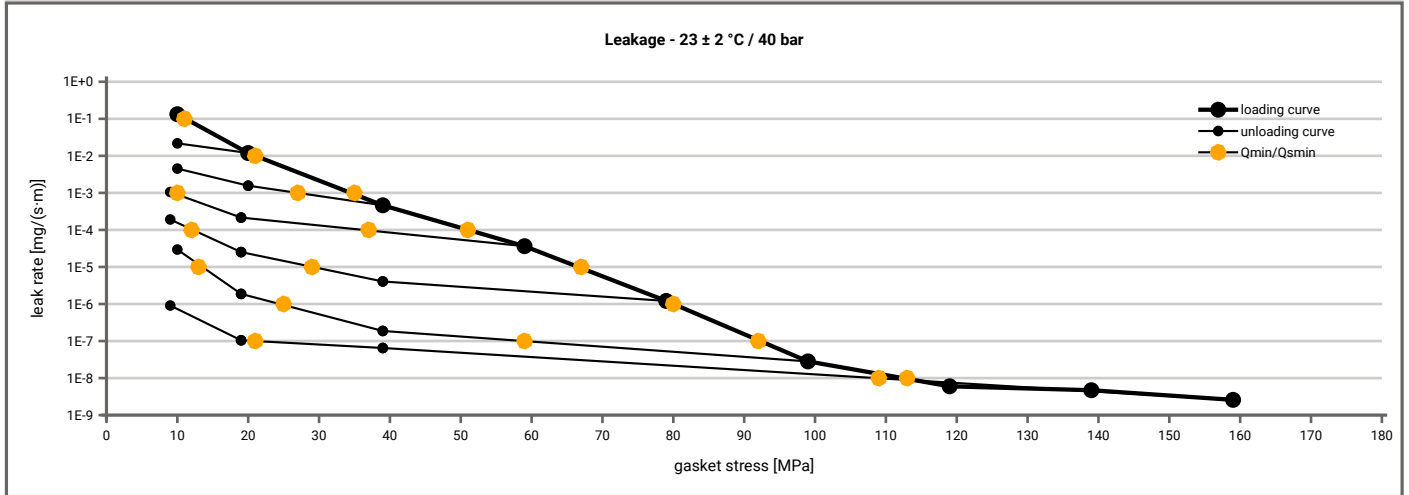
Manufacturer address	James Walker Moorflex Ltd, John Escritt Road, BD16 2BS West Yorkshire, GB	According to EN 13555 2021-4
Product name	Metakamm ActiVate	
Product dimensions	69 x 53 x 5 mm	

Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 10$ bar ($T = 23 \pm 2$ °C)											
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		$Q_A = 5.2$ [MPa]	$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]	$Q_A = 100$ [MPa]	$Q_A = 120$ [MPa]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]
1E-0	5		5	6	5	5	5	5			5
1E-1	5		5	6	5	5	5	5			5
1E-2	11			6	5	5	5	5			5
1E-3	20			18	5	5	5	5			5
1E-4	34				18	6	5	5			5
1E-5	51					27	10	5			5
1E-6	67						30	12			5
1E-7	81							28			16
1E-8	94							72			52
1E-9	112										84
1E-10	136										117
1E-11	155										150
1E-12											



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 40$ bar ($T = 23 \pm 2$ °C)											
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]	$Q_A = 100$ [MPa]	$Q_A = 120$ [MPa]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]	
1E-0	10		10	10	10	10	10	10			10
1E-1	11		10	10	10	10	10	10			10
1E-2	21			10	10	10	10	10			10
1E-3	35			27	10	10	10	10			10
1E-4	52				37	13	10	10			10
1E-5	67					30	14	10			10
1E-6	81						25	10			10
1E-7	93						60	10			22
1E-8	113							109			109
1E-9											

Manufacturer address	James Walker Moorflex Ltd, John Escritt Road, BD16 2BS West Yorkshire, GB	According to EN 13555 2021-4
Product name	Metakamm ActiVate	
Product dimensions	69 x 53 x 5 mm	



Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: 1	Creation date of this sheet: 2023-09-07
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