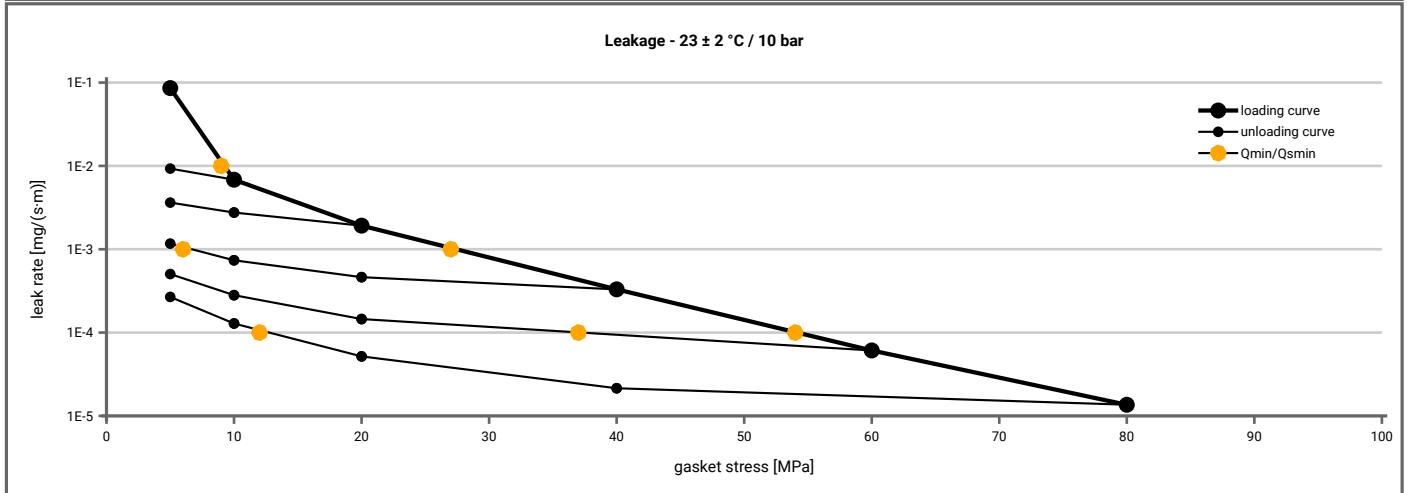


Manufacturer address	Frenzelit GmbH, Frankenhammer, 95460 Bad Berneck, DE	According to DIN EN 13555 2005-2
Product name	novaphit SSTC TA-L / novaphit SSTC TA-L with XP-Technology	
Product dimensions	92 x 49 x 1.6 mm (DIN EN 1514-1 1997-8)	

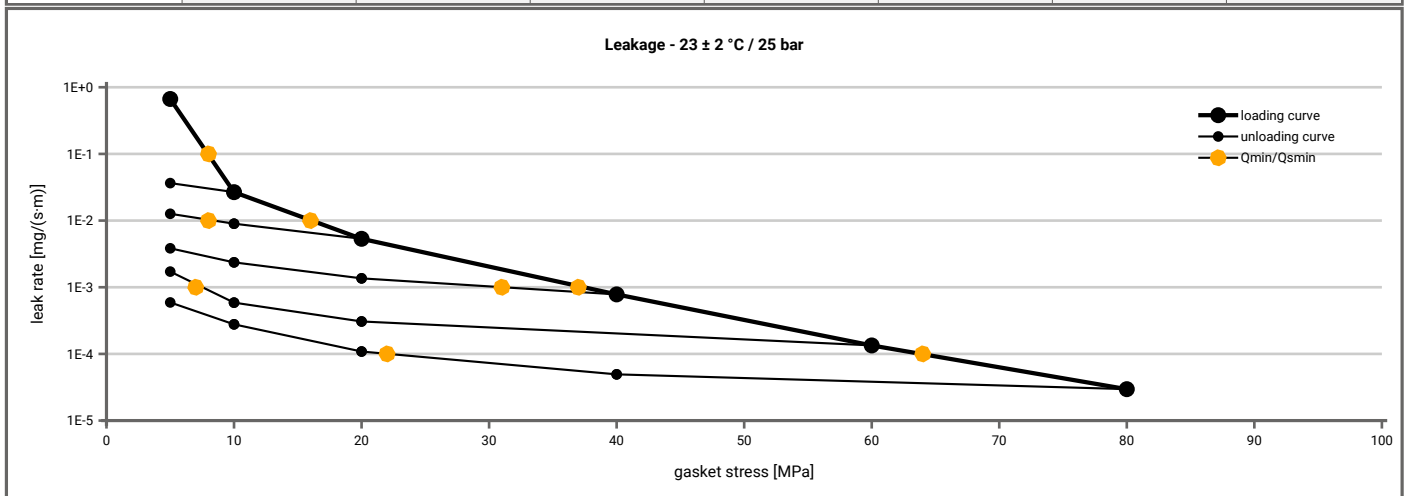
Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 10 \text{ bar}$ ($T = 23 \pm 2 \text{ }^\circ\text{C}$)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]					
		$Q_A = 5$ [MPa]	$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]
1E-0	5		5	5	5	5	5
1E-1	5		5	5	5	5	5
1E-2	9		5	5	5	5	5
1E-3	27				7	5	5
1E-4	54					37	13
1E-5							
1E-6							
1E-7							
1E-8							



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 25 \text{ bar}$ ($T = 23 \pm 2 \text{ }^\circ\text{C}$)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]					
		$Q_A = 5$ [MPa]	$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]
1E-0	5		5	5	5	5	5
1E-1	8		5	5	5	5	5
1E-2	16			9	5	5	5
1E-3	38				31	8	5
1E-4	64						22
1E-5							
1E-6							
1E-7							
1E-8							



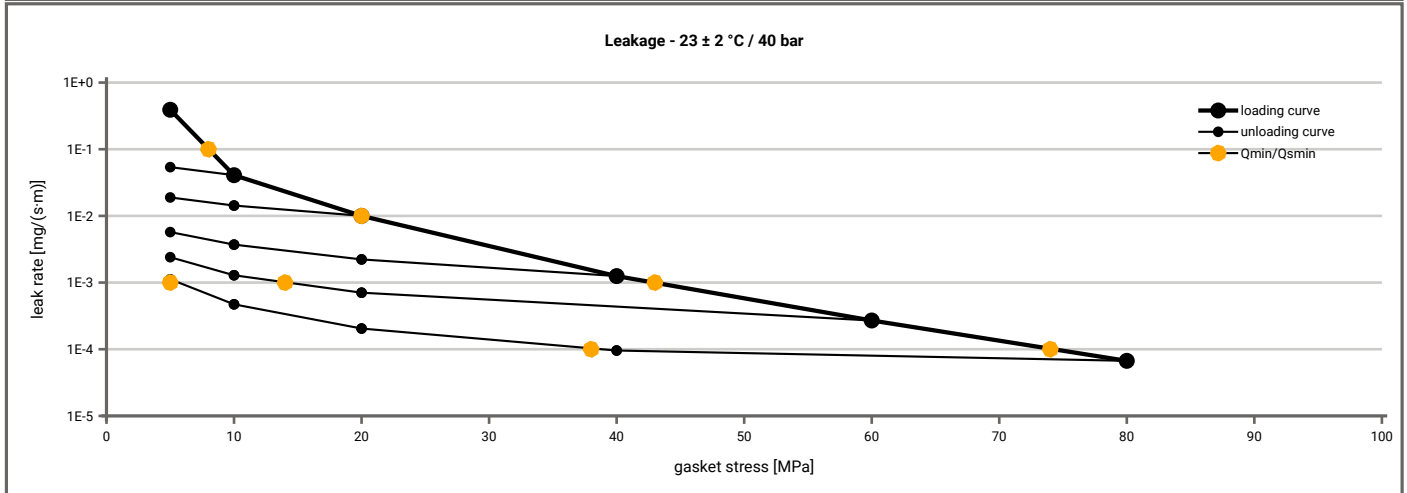
Note: the content of darkened cells was not determined respectively is unnecessary

Rev.-No.: 1

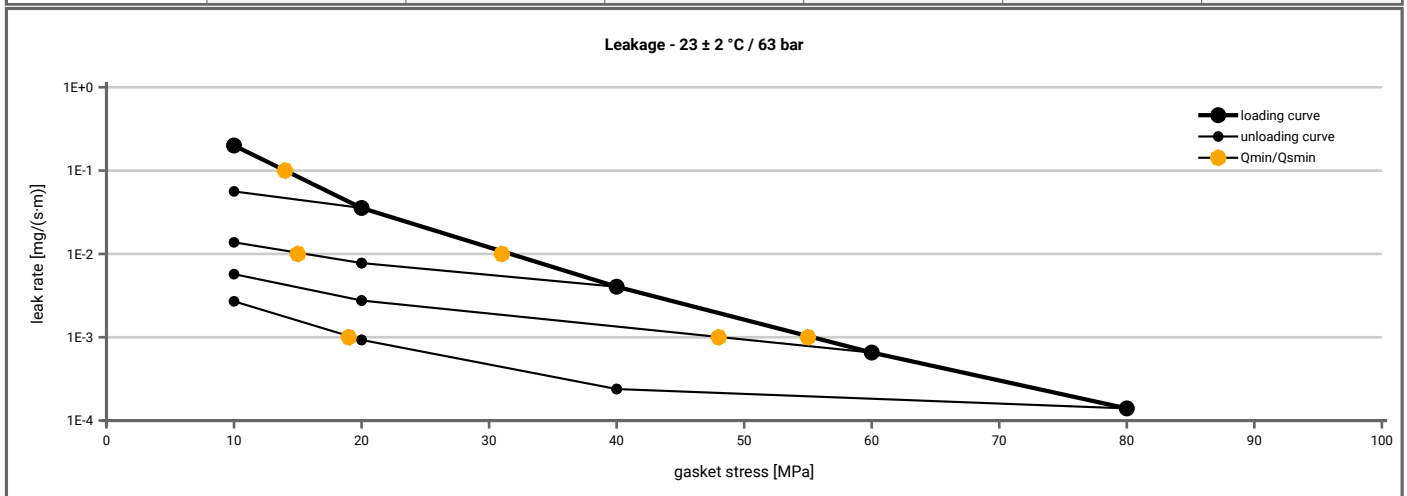
Creation date of this sheet: 2013-07-02

Manufacturer address	Frenzelit GmbH, Frankenhammer, 95460 Bad Berneck, DE	According to DIN EN 13555 2005-2
Product name	novaphit SSTC TA-L / novaphit SSTC TA-L with XP-Technology	
Product dimensions	92 x 49 x 1.6 mm (DIN EN 1514-1 1997-8)	

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]					
		$Q_A = 5$ [MPa]	$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]
1E-0	5		5	5	5	5	5
1E-1	8		5	5	5	5	5
1E-2	20				5	5	5
1E-3	43					14	6
1E-4	74						39
1E-5							
1E-6							
1E-7							
1E-8							



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 63$ 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]
1E-0	10		10	10	10	10
1E-1	14		10	10	10	10
1E-2	32			16	10	10
1E-3	55				48	19
1E-4						
1E-5						
1E-6						
1E-7						
1E-8						



Note: the content of darkened cells was not determined respectively is unnecessary Rev.-No.: 1 Creation date of this sheet: 2013-07-02

