

Platinum Cured Silicone Next Generation

Platinum cured silicone (VMQ) is the material of choice in hygienic water systems or when harder gasket materials are not suitable due to an unavoidable flange misalignment. Gaskets made of silicone differ from other elastomers in their transparency and feel. Silicone has excellent resistance to oxygen, ozone, some solvents and synthetic- animal- and vegetable oils. The temperature spectrum of silicone ranges from -40°C (-40°F) to 232°C (450°F). Because of their natural purity, silicone gaskets are often used in the food and pharmaceutical industries.

MAIN SEGMENTS

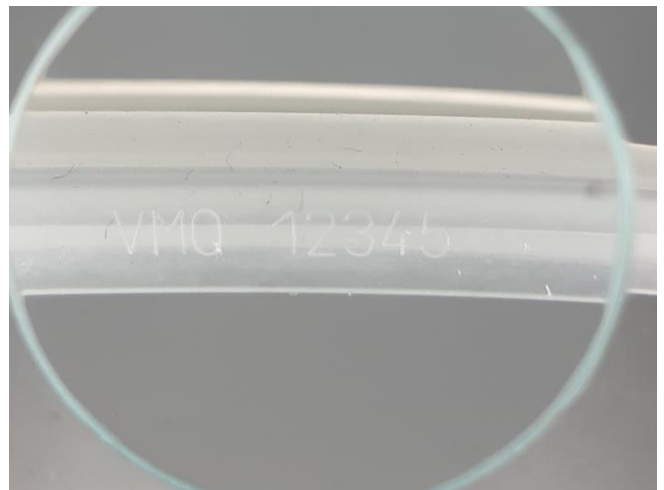
- Pharmaceutical
- Food

CERTIFICATES/DECLARATIONS

- 3A Sanitary Standard 18-03 Class I
- EC1935/2004
- EC2023/2006 (GMP)
- FDA 21 CFR177.2600 (Formulation & Extraction)
- FDA 21 CFR174.5 (cGMP)
- USP Class VI <87>, <88> (121°C)
- ADI free (EMEA 410/01)

KEY BENEFITS

- Suitable for SIP and CIP
- Laser marked by default
- Lot number for full and easy traceability
- Material Identification
- Perfect cleanability
- Excellent chemical resistance
- Wide temperature range
-40°C (-40°F) to 232°C (450°F)
- Exceptional flexibility



Platinum Cured Silicone

Gasket Dimensions and Item Numbers

DIN11850/10357 (DIN32676: Row A) (Pipe connection DIN 11866 Row A)			
Item No.	DN	ID (mm)	OD (mm)
DIN32676-06-PX-NG-LE	06	4,2	21,8
DIN32676-08-PX-NG-LE	08	6,2	21,8
DIN32676-10-PX-NG-LE	10	10,2	34
DIN32676-15-PX-NG-LE	15	16,2	34
DIN32676-20-PX-NG-LE	20	20,2	34
DIN32676-25-PX-NG-LE	25	26,2	50,5
DIN32676-32-PX-NG-LE	32	32,2	50,5
DIN32676-40-PX-NG-LE	40	38,2	50,5
DIN32676-50-PX-NG-LE	50	50,2	64
DIN32676-65-PX-NG-LE	65	66,2	91
DIN32676-80-PX-NG-LE	80	81,2	106
DIN32676-100-PX-NG-LE	100	100,2	119
DIN32676-125-PX-NG-LE	125	125,2	155
DIN32676-150-PX-NG-LE	150	150,2	183
DIN32676-200-PX-NG-LE	200	200,5	233,5

ISO1127 (DIN32676: Row B) (Pipe connection DIN 11866 Row B)			
Item No.	DN	ID (mm)	OD (mm)
ISO1127-06-PX-NG-LE	10,2	7,2	21,8
ISO1127-08-PX-NG-LE	13,5	10,5	21,8
ISO1127-10-PX-NG-LE	17,2	14,2	21,8
ISO1127-15-PX-NG-LE	21,3	18,3	50,5
ISO1127-20-PX-NG-LE	26,9	23,9	50,5
ISO1127-25-PX-NG-LE	33,7	29,9	50,5
ISO1127-32-PX-NG-LE	42,4	38,6	64
ISO1127-40-PX-NG-LE	48,3	44,5	64
ISO1127-50-PX-NG-LE	60,3	56,5	77,5
ISO1127-65-PX-NG-LE	76,1	72,3	91
ISO1127-80-PX-NG-LE	88,9	84,5	106
ISO1127-100-PX-NG-LE	114,3	109,9	130
ISO1127-125-PX-NG-LE	139,7	134,7	155
ISO1127-150-PX-NG-LE	168,3	163,3	183
ISO1127-200-PX-NG-LE	219,1	214,1	219,1

Type I Gaskets ASME BPE (DIN32676: Row C) (Pipe connection DIN 11866 Row C)			
Item No.	DN	ID (mm)	OD (mm)
42RXPX-025-NG-LE ₁	1/4"	4,8	21,8
42RXPX-0375-NG-LE ₁	3/8"	8	21,8
42RXPX-050-NG-LE ₂	1/2"	9,6	21,8
42RXPX-075-NG-LE ₂	3/4"	16	21,8
40RXPX-100-NG-LE ₂	1"	22,3	50,5
40RXPX-150-NG-LE ₂	1 1/2"	35	50,5
40RXPX-200-NG-LE ₂	2"	47,7	64
40RXPX-250-NG-LE ₂	2 1/2"	60,4	77,5
40RXPX-300-NG-LE ₂	3"	73,1	91
40RXPX-400-NG-LE ₂	4"	97,7	119
40RXPX-600-NG-LE	6"	147,1	167
40RXPX-800-NG-LE	8"	197,6	217,7
40RXPX-1000-NG-LE	10"	247,4	268,5
40RXPX-1200-NG-LE	12"	298,2	319,3

1) 42: Part designation number for mini size gaskets 2) Equal to BS 4825-3 (British Standard)
For further information on gasket dimensions without a listed item number please contact Rubber Fab.