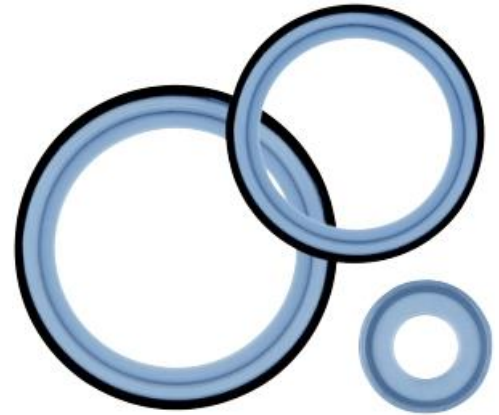


Tuf-Flex® EPDM Core Unitized Gaskets The Ultimate in Gasket Performance

Tuf-Flex® is a unitized sanitary gasket composed of PTFE grafted to an EPDM rubber inner core. Tuf-Flex® is specifically designed to meet critical requirements in the food, pharmaceutical and biotechnology industry. Tuf-Flex® is setting new standards for purity, performance and flexibility, always maintaining high dimensional stability. This innovative gasket will not impart taste or odor and provides high process safety. Tuf-Flex® allows excellent cleanability, the highest sealing performance and outstanding service life with extended uptime.



MAIN SEGMENTS

Pharmaceutical
Biotechnology
Food
Dairy

CERTIFICATES / DECLARATIONS

- USP Class VI <87>, <88> (121°C)
- 3A Sanitary Standards 20-27
- FDA 21 CFR177.1550 (PTFE Only)
- EC1935/2004
- GB 4806.11-2016 and GB 9658-2016 (Chinese National Food Safety Standard)
- Manufactured in compliance with GB 31603-2015 (GMP)
- Manufactured in compliance with EC2023/2006 (GMP)
- ADI free (EMEA 410/01)
- ASME-BPE Standards



Tuf-Flex® provides high flexibility and adaptation to flanged equipment.

KEY BENEFITS

- Lot number for Full and Easy Traceability
- Material Identification
- Hygienic design and perfect cleanability
- Excellent SIP and CIP performance
- Wide temperature range: -29°C (-20 °F) to 149°C (300 °F)
- Minimal thermal expansion
- High dimensional stability
- Superior resistance to cold flow and creep
- No intrusion or recession
- Flexibility of an elastomer with chemical resistance of PTFE
- Non-stick surface
- Outstanding service life



TYPE I

Solid PTFE
Type I Gasket



TYPE III
ENVELOPE

Envelope
Type III PTFE
Gasket with
EPDM or FKM
Filler



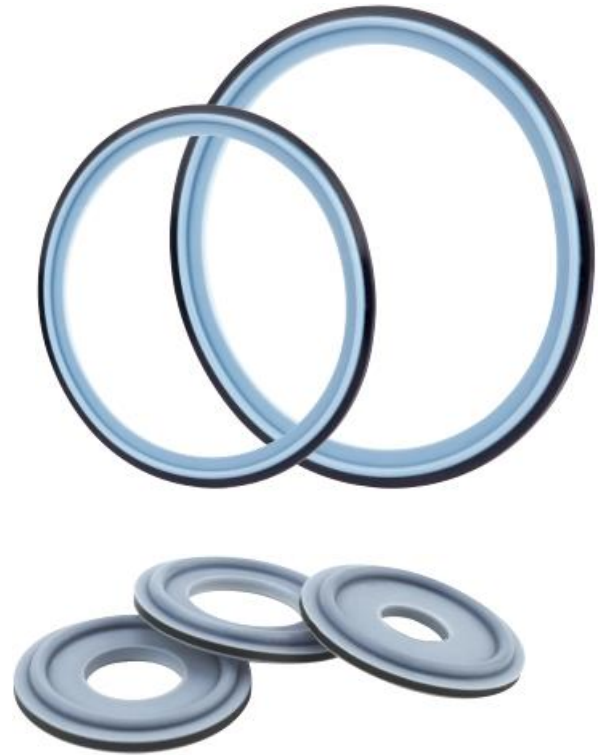
Tuf-Flex®

Tuf-Flex®
PTFE with a
full elastomer
core

Tuf-Flex® EPDM Core Unitized Gaskets

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-TF-E	06	6,2	21,8
DIN32676-08-TF-E	08	8,2	21,8
DIN32676-10-TF-E	10	10,2	34
DIN32676-15-TF-E	15	10,2	34
DIN32676-20-TF-E	20	20,2	34
DIN32676-25-TF-E	25	26,2	50,5
DIN32676-32-TF-E	32	32,2	50,5
DIN32676-40-TF-E	40	38,2	50,5
DIN32676-50-TF-E	50	50,2	64
DIN32676-65-TF-E	65	66,2	91
DIN32676-80-TF-E	80	81,2	106
DIN32676-100-TF-E	100	100,2	119
DIN32676-150-TF-E	150	150,2	183
DIN32676-200-TF-E	200	200,2	233,5



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

ASME BPE (DIN32676: Row C) (Pipe connection DIN 11866 Row C)			
Item No.	DN	ID (mm)	OD (mm)
A42MPGR-TF-050-E ₁₎	1/2"	9,6	21,8
A42MPGR-TF-075-E ₁₎	3/4"	16	21,8
A40MPGR-TF-100-E	1"	22,3	50,5
A40MPGR-TF-150-E	1 1/2"	35	50,5
A40MPGR-TF-200-E	2"	47,7	64
A40MPGR-TF-250-E	2 1/2"	60,4	77,5
A40MPGR-TF-300-E	3"	73,1	91
A40MPGR-TF-400-E	4"	97,7	119
A40MPGR-TF-600-E	6"	147,1	167
A40MPGR-TF-800-E	8"	197,6	217,7
A40MPGR-TF-1000-E	10"	247,4	268
A40MPGR-TF-1200-E	12"	298,2	319

1) 42: Part designation number for mini size gaskets

For further information please contact Rubber Fab.

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