

Tuf-Steel®

The Original Metal Detectable Gasket

Tuf-Steel® is composed of a unique proprietary blend of non-pigmented PTFE and 316L passivated and atomized Stainless Steel. Tuf-Steel® can withstand the highest sealing performance and are most suitable for SIP, WFI and hot oil applications and handles large temperature fluctuations. This metal detectable gasket will easily out perform any elastomeric or perfluoro-elastomer gasket and is the material of choice when chemical and heat resistance is required. Tuf-Steel® provides excellent dimensional stability at all times with minimum creep and cold flow, non-stick and ultra-low absorption characteristics.

MAIN SEGMENTS

- Pharmaceutical
- Biotechnology
- Food
- Dairy

CERTIFICATES/DECLARATIONS

- 3A Sanitary Standards
- FDA 21 CFR177.1550
- USP Class VI <87>, <88>
- ADI free (EMEA 410/01)
- ASME-BPE Standards

KEY BENEFITS

- Excellent SIP and CIP performance
- Perfect cleanability
- Excellent chemical resistance
- Wide temperature range
-200 °C (-325 °F) to 288 °C (550 °F)
- High dimensional stability
- No intrusion or recession
- Superior creep resistance
- Minimal cold flow
- Exceptional flexibility
- Outstanding service life
- Non-stick surface



Tuf-Steel®

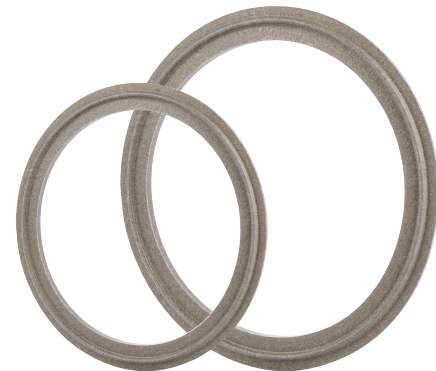
Gasket Dimensions and Item Numbers

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

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

Solid Orifice Plates ¹⁾			
Item No.	Size	ID (mm)	OD (mm)
A80MPG-TS-050/075	1/2" & 3/4"	22,3	50,5
A80MPG-TS-100/150	1 & 1 1/2"	35	50,5
A80MPG-TS-200	2"	35	50,5
A80MPG-TS-250	2 1/2"	60,4	77,5
A80MPG-TS-300	3"	73,1	91
A80MPG-TS-400	4"	97,6	119
A80MPG-TS-600	6"	147,1	167

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



Type II Gaskets ASME BPE (DIN32676: Row C) (Pipe connection DIN 11866 Row C)			
Item No.	DN	ID (mm)	OD (mm)
40MPG-TS-F-100 ³⁾	1"	22,3	50,5
40MPG-TS-F-150 ³⁾	1 1/2"	35	50,5
40MPG-TS-F-200 ³⁾	2"	47,7	64
40MPG-TS-F-250 ³⁾	2 1/2"	60,4	77,5
40MPG-TS-F-300 ³⁾	3"	73,1	91
40MPG-TS-400 ³⁾	4"	97,6	119

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

Rubber Fab

a Garlock Hygienic Technologies company

26 Brookfield Drive • Sparta, NJ 07871 USA
+1-866-442-2959 • +1-973-579-7275 Fax
sales@rubberfab.com | www.rubberfab.com