

# Series 5260 and 5260-HT Seal Gaskets

## Standard and High Temperature Solutions

### T&B Liquidtight Systems™



01



02

01 Standard  
02 High Temp

#### Features & Benefits:

- Designed for use with T&B Liquidtight Systems fittings and connectors
- Meets UL and CSA requirements
- Trade sizes from 3/8" to 4" (12mm to 100mm)
- Designed for use with NPT threaded fittings and connectors
- UL, CSA & IP ingress protection ratings aligned with industrial enclosures
- Stainless Steel retainer prevents crushing and distortion of gasketing material

#### Applications:

##### Ser. 5260 "Standard" Blue:

- Used extensively in all liquid-tight applications where excessive temperatures are not present
- Ideal for use with all Liquid-tight Flexible Metallic Conduits
- Ideal for use with all Ser. 5200 and 5300 Liquid-tight Fittings
- Typically used in all liquid-tight applications applications for liquids, oils, and dust

##### Ser. 5260-HT "High Temperature" Black:

- Coordinated temperature ratings with Wide and Extreme Temperature LFMC and LT Fittings
- Ideal for use with LTTU and LTTE Wide Temperature Liquid-tight Flexible Metallic Conduits
- Ideal for use with LTXE and LT6XE Extreme Temperature Liquid-tight Flexible Metallic Conduits
- Ideal for use with Ser. 5300-HT & 5300SST6HT High Temperature Liquid-tight Fittings
- Typically used in applications such as foundries, furnaces, ovens, power distribution equipment, pump stations and skids, extremely hot and cold environments

#### Construction / Material / Finish:

- Stainless Steel 316 retainer ring
- Molded Seals: Thermoplastic Rubber
- Colors:
  - Blue - Standard Ratings
  - Black - High Temperature (-HT) Ratings

Liquid-tight Seal Gaskets provide excellent ingress protection between conduit fittings and enclosures. Provides high performance protection against dust, oils, liquids, washdown and extreme temperature environments.

#### Certifications / Standards:



#### Environment rating:

##### Working Temperature:

- UL (Std & HT): -20 to +105°C (-4 to +221°F)
- CSA (Std & HT): -20 to +105°C (-4 to +221°F)
- General (HT): -60 to +150°C (-76 to +302°F)

##### Working Temperature:

- See publication GM7636

#### Conforms to:

- UL 514B, Fittings for Cable and Conduit
  - File: E23018
- CSA C22.2, No. 18.3, Outlet and Conduit Boxes, Fittings and Accessories
  - File: LR-2884
- IEC/EN 60529, Degrees of Protection (IP Code) Seal Gaskets used in ingress testing of T&B Liquid-tight Fittings
- RoHS (Restriction of Hazardous Substance directive)

#### Standards requirements:

##### Designed to UL 514B, UL 50E and CSA C22.2 No. 18.3 standard requirements including:

- Oil immersion, exclusion, hardness, tensile strength and elongation tests

#### Ingress protection:

- Provides "Ingress Integrity" between liquid-tight fittings and enclosure walls, either NPT threaded entries or knockouts
- Covers all trade sizes from 3/8" to 4" (12mm to 103mm)

#### System ingress ratings:

- Products tested and comply with UL 50E and CSA C22.2 No. 94.2 Type Rating requirements
  - Indoor: Type 4, 4X, 12, 13
  - Outdoor: Type 3, 3R, 4, 4X
  - NEMA 250: Type 3, 3R, 4, 4X, 12, 13

#### IEC system ingress ratings:

- IP Ingress Protection per IEC/EN 60529 requirements
- IEC Ingress Ratings: IP66, IP67

Figure 01:

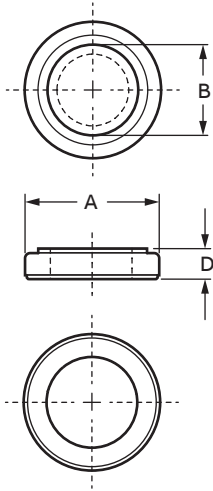
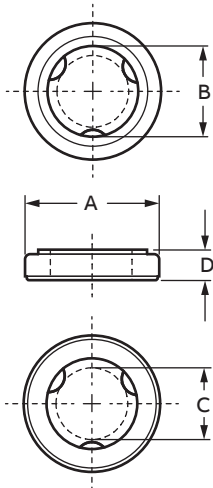


Figure 02:



**Product Selection and Dimension**

Part No./GID	Trade Size			NPT Thread	Figure	Dimensions				Weight lbs (kg)
	UL Inches	CSA mm	ISO/BS EN mm			A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)	
<b>Standard - Blue</b>										
5299 *	¼	10	12	¼"	1	0.813 (20.3)	0.563 (14.1)	-	0.109 (2.8)	0.005 (0.002)
7TAD012420R0040										
5261 *	⅜	12	16	⅜"	1	0.969 (24.4)	0.688 (17.5)	-	0.109 (2.8)	0.006 (0.003)
7TAD012060R0000										
5262	½	16	20	½"	2	1.156 (29.5)	0.875 (21.8)	0.750 (19.1)	0.172 (4.5)	0.008 (0.004)
7TAD012070R0000										
5263	¾	21	25	¾"	2	1.500 (37.8)	1.063 (27.2)	0.938 (23.6)	0.188 (4.9)	0.016 (0.007)
7TAD012070R0001										
5264	1	27	32	1"	2	1.750 (44.5)	1.344 (33.9)	1.125 (29.7)	0.188 (4.9)	0.018 (0.008)
7TAD012070R0002										
5265	1-¼	35	40	1-¼"	2	2.156 (54.6)	1.688 (42.7)	1.516 (38.6)	0.219 (5.6)	0.025 (0.011)
7TAD012070R0003										
5266	1-½	41	50	1-½"	2	2.438 (61.5)	1.938 (49.1)	1.750 (44.5)	0.234 (5.8)	0.030 (0.014)
7TAD012070R0004										
5267	2	53	63	2"	2	2.938 (74.2)	2.344 (59.4)	2.500 (56.6)	0.234 (5.8)	0.064 (0.029)
7TAD012070R0005										
5268	2-½	63	70	2-½"	1	3.438 (87.4)	2.906 (73.9)	-	0.234 (5.8)	0.050 (0.023)
7TAD012060R0001										
5269	3	78	80	3"	1	4.063 (103.6)	3.531 (89.9)	-	0.234 (5.8)	0.055 (0.025)
7TAD012060R0002										
5270	4	103	100	4"	1	5.281 (134.4)	4.563 (115.6)	-	0.313 (7.9)	0.138 (0.062)
7TAD012060R0003										
<b>High Temp - Black</b>										
5261-HT *	⅜	12	16	⅜"	1	0.969 (24.4)	0.688 (17.5)	-	0.109 (2.8)	0.006 (0.003)
5262-HT	½	16	20	½"	2	1.156 (29.5)	0.875 (21.8)	0.750 (19.1)	0.172 (4.5)	0.008 (0.004)
5263-HT	¾	21	25	¾"	2	1.500 (37.8)	1.063 (27.2)	0.938 (23.6)	0.188 (4.9)	0.016 (0.007)
5264-HT	1	27	32	1"	2	1.750 (44.5)	1.344 (33.9)	1.125 (29.7)	0.188 (4.9)	0.018 (0.008)
5265-HT	1-¼	35	40	1-¼"	2	2.156 (54.6)	1.688 (42.7)	1.516 (38.6)	0.219 (5.6)	0.025 (0.011)
5266-HT	1-½	41	50	1-½"	2	2.438 (61.5)	1.938 (49.1)	1.750 (44.5)	0.234 (5.8)	0.030 (0.014)
5267-HT	2	53	63	2"	2	2.938 (74.2)	2.344 (59.4)	2.500 (56.6)	0.234 (5.8)	0.064 (0.029)
5268-HT	2-½	63	70	2-½"	1	3.438 (87.4)	2.906 (73.9)	-	0.234 (5.8)	0.050 (0.023)
5269-HT	3	78	80	3"	1	4.063 (103.6)	3.531 (89.9)	-	0.234 (5.8)	0.055 (0.025)
5270-HT	4	103	100	4"	1	5.281 (134.4)	4.563 (115.6)	-	0.313 (7.9)	0.138 (0.062)

Note: Product must be installed in accordance with applicable national and local electrical codes.  
\*Not UL Listed

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