

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:

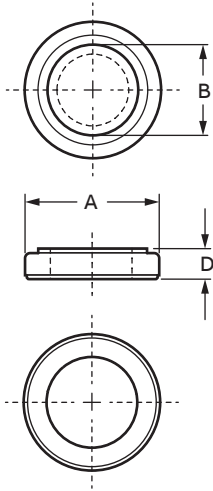
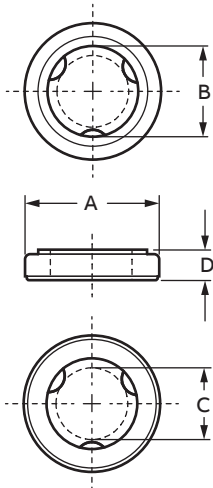


Figure 02:



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)	
Standard - Blue										
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 (63.6)	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										
High Temp - Black										
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 (63.6)	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

ABB Installation Products Inc.
Memphis, Tennessee
tnb.abb.com
USA

Let's write the future.
Together. **abb.com**

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB Installation Products Inc (Formerly Thomas & Betts Corp.) does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB Installation Products Inc. Copyright© 2019 ABB Installation Products Inc. All rights reserved