

Couplings & Accessories

*Quality
Engineered . . .*

- Hose Couplings
- Flanges
- Pump
Connectors
- Expansion
Joints
- Accessories



Kuriyama of America, Inc.

Chemicals/Petroleum

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Terms, Conditions & Limited Warranty of Sale

This document sets forth the terms and conditions pursuant to which the purchaser ("Purchaser") will purchase and Kuriyama of America, Inc. ("Seller") will sell the products, accessories and attachments (collectively the "Products") ordered by Purchaser. These terms and conditions shall govern and apply to the sale of Seller's Products to Purchaser, regardless of any terms and conditions appearing on any purchase order or other forms submitted by Purchaser to Seller, or the inconsistency of any terms therein and herein.

1. GENERAL

- All orders are subject to a minimum charge of \$100.00.
- Any back ordered items totaling less than \$100.00 minimum may be cancelled by Seller.
- Seller reserves the right at all times to reject any and all orders for any reason.
- Orders for other than standard items or standard lengths, may not be cancelled after purchase has been committed, production scheduled or any other costs incurred.

2. PRICE

All prices set forth on any purchase order or other document are F.O.B. Sellers facility or distribution point, as may be determined by Seller ("F.O.B. Point"). All prices are exclusive of any and all taxes, including, but not limited to, excise, sales, use, property or transportation taxes related to the sale or use of the Products, now or hereafter imposed, together with all penalties and expenses. Purchaser shall be responsible for collecting and/or paying any and all such taxes, whether or not they are stated in any invoice for the Products. Unless otherwise specified herein, all prices are exclusive of inland transportation, freight, insurance and other costs and expenses relating to the shipment of the Products from the F.O.B. point to Purchaser's facility. Any prepayment by Seller of freight insurance and other costs shall be for the account of Purchaser and shall be repaid to Seller.

3. PAYMENT TERMS

Payment terms are as follows:

- 2% 10 days (to approved and qualified accounts), Net 30 days. This is a cash discount for invoices paid within 10 days after the invoice date, regardless of date of receipt of shipment. This is not a trade discount and will not be granted to accounts that do not adhere to stated terms.
- Notwithstanding the provisions of paragraph 16(b) below, Seller reserves the right to alter payment terms.
- Seller reserves the right to hold shipments against past due accounts.
- All past due accounts are subject to a late payment charge of 1.5% per month, or maximum allowed by law if different, along with the expenses incidental to collection including reasonable attorney's fees and costs.

4. FREIGHT TERMS

All shipments will be made F.O.B. shipping point as designated in these Terms & Conditions, and title shall pass at the F.O.B. point. Delivery to the initial common carrier shall constitute delivery to the Purchaser. Any claims for loss or damage during shipment are to be filed with carrier by the Purchaser. Seller will not assume responsibility for the performance of the carrier.

- Freight prepaid on \$3,000.00 net invoice on all combined products of Seller. Applies to Continental USA (48 states).
- Freight prepaid on \$7,500.00 net invoice orders consisting only of interlocked metal hose products. Applies to Continental USA (48 states).
- Freight prepaid on \$1,000.00 net invoice on couplings, accessories and hydraulic fittings only, excluding any PVC hose, metal hose, tubing products, and industrial, hydraulic and sheet rubber products. Applies to Continental USA (48 states).
- Orders with different numbers and dates may not be combined to make freight allowance.
- Orders placed at different warehouse locations may not be combined to make freight allowance.
- Backorders will be shipped in the most practical fashion with charges consistent with our freight policy established with the original order.

5. UPS SHIPMENTS

A handling charge, in accordance with current UPS regulations, will apply to any article that is not fully encased in an outside shipping container. Minimum charge for a package measuring over 84 inches in length and girth combined will be equal to the charge of a package weighing 30 lbs. plus the handling charge. This applies to all UPS air and surface transportation.

6. DROP SHIPMENTS

Drop shipping is not a service usually offered by Seller. If a drop shipment is made, a drop ship charge may be assessed.

7. DELIVERY, DAMAGES, SHORTAGES

Seller shall use reasonable efforts to attempt to cause the Products to be delivered as provided for in these Terms & Conditions. Delivery to the initial common carrier shall constitute the delivery to the Purchaser. Seller's responsibility, insofar as transportation risks are concerned ceases upon the delivery

of the Products in good condition to such carrier at the F.O.B. point and all the Products shall be shipped at the purchaser's risk. Seller shall not be responsible or liable for any loss or damage whatsoever, including loss of income and/or profits, or incidental, special, consequential damages resulting from Seller's delayed performance in shipment and delivery.

8. RETURN OF DEFECTIVE PRODUCTS

Defective or failed material shall be held at the Purchaser's premises until authorization has been granted by Seller to return or dispose of Products. Products that are to be returned for final inspection must be returned Freight Prepaid in the most economical way. Credit will be issued for material found to be defective upon Seller's inspection based on prices at time of purchase.

9. PRODUCTS ORDERED IN ERROR

Standard package Products only may be returned, provided that claim is made and Seller is notified within 7 days of receipt of Products, and the Products are in the original buyer's possession not more than 30 days prior to return, subject to Seller's approval. If Products are accepted for return, they must be Freight Prepaid, and buyer will be charged a minimum of 15% rehandling charge, plus a chargeback for outbound freight charges if the original order was shipped prepaid. Returns are not accepted for any Products that are specially manufactured to meet the buyer's requirement of either specifications or large quantity.

10. PRODUCTS SHIPPED IN ERROR

Purchaser must notify within 7 days of receipt of Product any Products shipped in error. Upon notification, Products are to be returned to Seller either via truck on a Freight Collect basis, or via UPS on a Freight Prepaid basis. Purchaser will be reimbursed for cost of Products, plus any additional freight which may have been incurred due to shipping error.

11. SECURITY INTEREST

Purchaser hereby grants to Seller and Seller hereby retains a continuing purchase money security interest in the Products sold and delivered by Seller to Purchaser, whether presently in the possession of Purchaser or hereafter acquired, and all spare parts and components therefore, together with any and all proceeds of sale or other disposition of the Products, including, but not limited to, cash, accounts, contract rights and chattel paper. Purchaser shall keep the Products free from any adverse lien, security interest or encumbrance and will not store the Products or any part thereof or use the Products in violation of any statute or ordinance. In the event Purchaser shall be in default under these terms and conditions, Seller shall have the remedies of a secured party under the Uniform Commercial Code in force in the state where the Products are located.

12. CAUTIONARY STATEMENT

All Products sold and distributed by Kuriyama of America, Inc. are in the nature of commodities and they are sold by published specifications and not for particular purposes, uses or applications. Purchaser shall first determine their suitability for the intended purposes, uses or applications and shall either conduct its own engineering studies or tests, or retain qualified engineers, consultants or testing laboratories and consult with them before determining the proper use, suitability or propriety of the merchandise or Products for the intended purposes, uses or applications.

Kuriyama of America, Inc. ("Seller") does not recommend the Products for any particular purpose, use or application, and the Purchaser or user thereof shall assume full responsibility for the suitability, propriety, use and application of the Products. Purchaser shall follow all instructions contained in Seller's catalogs, brochures, technical bulletins and other documents regarding the Products. The Products, including but not limited to, hose, tubing or couplings, may fail due to the use or conveyance of substances at elevated or lowered temperatures or at excessive pressure, the conveyance of abrasive, injurious, flammable, explosive or damaging substances.

Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

13. LIMITED WARRANTY

The Products sold or distributed by Seller are warranted to its customers to be free from defects in material and workmanship at the time of shipment by us, subject to the following provisions.

ALL WARRANTY CLAIMS SHALL BE MADE WITHIN SIX (6) MONTHS AFTER SELLER SHIPPED THE PRODUCTS. SELLER'S LIABILITY HEREUNDER IS LIMITED AT SELLER'S EXCLUSIVE DISCRETION, TO 1) THE PURCHASE PRICE OF ANY PRODUCTS PROVING DEFECTIVE; 2) REPAIR OF ANY DEFECTIVE PRODUCT OR PART THEREOF; OR 3) REPLACEMENT OF ANY DEFECTIVE PRODUCT OR PART UPON ITS AUTHORIZED RETURN TO SELLER.

THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE CREATED UNDER APPLICABLE LAW INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER OR THE MANUFACTURER OF THE PRODUCT BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS, WHETHER OR NOT CAUSED BY OR RESULTING FROM THE NEGLIGENCE OF SELLER AND/OR THE MANUFACTURER OF THE PRODUCT, UNLESS SPECIFICALLY PROVIDED HEREIN. IN ADDITION, THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCTS OR PORTIONS THEREOF WHICH HAVE BEEN SUBJECTED TO ABUSE, MISUSE, IMPROPER INSTALLATION, MAINTENANCE, OR OPERATION, ELECTRICAL FAILURE OR ABNORMAL CONDITIONS, AND TO PRODUCTS WHICH HAVE BEEN TAMPERED WITH, ALTERED, MODIFIED, REPAIRED, REWORKED BY ANYONE NOT APPROVED BY SELLER, OR USED IN ANY MANNER INCONSISTENT WITH THE PROVISIONS OF THE "CAUTIONARY STATEMENT" ABOVE OR ANY INSTRUCTIONS OR SPECIFICATIONS PROVIDED WITH OR FOR THE PRODUCT.

14. FORCE MAJEURE

Seller's obligation hereunder are subject to, and Seller shall not be held responsible for, any delay or failure to make delivery of all or any part of the Product due to labor difficulties, fires, casualties, accidents, acts of the elements, acts of God, transportation difficulties, delays by a common carrier, inability to obtain Product, materials or components or qualified labor sufficient to timely perform part of or all of the obligations contained in these terms and conditions, governmental regulations or actions, strikes, damage to or destruction in whole or part of manufacturing plant, riots, terrorist attacks or incidents, civil commotions, warlike conditions, flood, tidal waves, typhoon, hurricane, earthquake, lightning, explosion or any other causes, contingencies, or circumstances within or without the United States not subject to the Seller's control which prevent or hinder the manufacture or delivery of the Products or make the fulfillment of these terms and conditions impracticable. In the event of the occurrence of any of the foregoing, at the option of Seller, Seller shall be excused from the performance under these Terms and Conditions, or the performance of the Seller shall be correspondingly extended.

15. GOVERNING LAW, JURISDICTION, VENUE AND WAIVER OF TRIAL BY JURY

Except for the perfection of any security interest or lien in any other state, and except as otherwise provided herein, these terms and conditions will be governed and construed in all respects by the Internal laws and decisions, other than any conflict of laws provisions, of the State of Illinois, including, without limitation, all matters of construction, validity, enforceability, and performance. PURCHASER (I) CONSENTS AT SELLER'S ELECTION AND WITHOUT LIMITING SELLER'S RIGHT TO COMMENCE AN ACTION IN ANY OTHER JURISDICTION, TO THE EXCLUSIVE JURISDICTION AND VENUE OF ANY COURT (FEDERAL, STATE, OR LOCAL) SITUATED IN THE STATE OF ILLINOIS; (II) WAIVES ANY OBJECTION TO IMPROPER VENUE AND FORUM NON-CONVENIENS; AND (III) CONSENTS TO SERVICE OF PROCESS BY CERTIFIED MAIL, POSTAGE PREPAID, ADDRESSED TO PURCHASER AT ITS ADDRESS AS SET FORTH HEREIN. PURCHASER HEREBY WAIVES TRIAL BY JURY. Purchaser shall bring any action arising out of the sale of Products by Seller only in the federal or state courts in the State of Illinois. In the event Purchaser institutes any action in any court other than a court located in the State of Illinois, Purchaser shall assume all of Seller's costs in transferring said proceeding to a court located in the State of Illinois, including, without limitation, reasonable attorneys' fees.

16. MISCELLANEOUS

- These terms and conditions constitute the entire agreement between Seller and Purchaser as it relates to terms and conditions of sale, and supersedes any and all prior oral or written agreements, correspondence, quotations or understandings heretofore in force between the parties relating to the subject matter hereof. There are no agreements between Seller and Purchaser with respect to the Product herein except those specifically set forth in and made part of these terms and conditions. Any additional terms, conditions and/or prices are rejected by Seller.
- These terms and conditions may be modified, canceled or rescinded only by a written agreement of both parties executed by their duly authorized agents.

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All prices and specifications subject to change without notice.

Aluminum Quick-Acting Couplings

Agriculture • Chemicals/Petroleum • Construction • Material Handling

Aluminum Part A Male Adapter x Female NPT

Part Number	Size	Weight Each	Standard Carton
AL-A050	1/2" X 1/2"	0.10	100
AL-A075	3/4"	0.13	50
AL-A100	1"	0.12	70
AL-A125	1 1/4"	0.20	40
AL-A150	1 1/2"	0.28	30
AL-A200	2"	0.38	40
AL-A250	2 1/2"	0.58	50
AL-A300	3"	0.70	35
AL-A400	4"	1.34	20
AL-A500	5"	1.62	4
AL-A600	6"	2.00	15
AL-A800	8"	10.90	2



Aluminum Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each	Standard Carton
AL-E050	1/2" X 1/2"	0.08	100
AL-E075	3/4"	0.11	50
AL-E100	1"	0.20	50
AL-E125	1 1/4"	0.26	30
AL-E150	1 1/2"	0.38	40
AL-E200	2"	0.60	50
AL-E250	2 1/2"	0.86	20
AL-E300	3"	1.32	18
AL-E400	4"	2.10	20
AL-E500	5"	3.56	4
AL-E600	6"	6.16	6
AL-E800	8"	10.00	2



Aluminum Part B Female Coupler x Male NPT

AL-B050‡	1/2" X 1/2"	0.18	100
AL-B075●	3/4"	0.24	50
AL-B100●	1"	0.36	30
AL-B125●	1 1/4"	0.62	45
AL-B150●	1 1/2"	0.70	30
AL-B200●	2"	0.86	50
AL-B250●	2 1/2"	1.02	40
AL-B300●	3"	1.56	25
AL-B400●	4"	2.42	25
AL-B500●	5"	3.34	4
AL-B600●	6"	4.98	10



Aluminum Part F Male Adapter x Male NPT

AL-F050	1/2" X 1/2"	0.14	100
AL-F075	3/4"	0.16	50
AL-F100	1"	0.20	45
AL-F125	1 1/4"	0.34	30
AL-F150	1 1/2"	0.46	50
AL-F200	2"	0.68	60
AL-F250	2 1/2"	0.96	30
AL-F300	3"	1.30	20
AL-F400	4"	2.32	25
AL-F500	5"	2.94	4
AL-F600	6"	3.92	10



Aluminum Part C Female Coupler x Hose Shank

AL-C050‡	1/2" X 1/2"	0.20	100
AL-C075●	3/4"	0.26	50
AL-C100●	1"	0.42	60
AL-C125●	1 1/4"	0.68	35
AL-C150●	1 1/2"	0.74	30
AL-C200●	2"	0.98	40
AL-C250●	2 1/2"	1.28	30
AL-C300●	3"	2.20	15
AL-C400●	4"	3.16	15
AL-C500●	5"	3.88	4
AL-C600●	6"	7.70	6
†AL-C800●	8"	15.50	1



WITH LOCKING FEATURE



Aluminum Part DC Dust Cap

AL-DC050‡	1/2" X 1/2"	0.18	100
AL-DC075●	3/4"	0.22	50
AL-DC100●	1"	0.34	40
AL-DC125●	1 1/4"	0.58	25
AL-DC150●	1 1/2"	0.64	40
AL-DC200●	2"	0.80	60
AL-DC250●	2 1/2"	0.94	50
AL-DC300●	3"	1.44	30
AL-DC400●	4"	2.34	15
AL-DC500●	5"	3.06	4
AL-DC600●	6"	4.66	6
AL-DC800●	8"	9.04	4



WITH LOCKING FEATURE



Aluminum Part D Female Coupler x Female NPT

AL-D050‡	1/2" X 1/2"	0.18	100
AL-D075●	3/4"	0.22	50
AL-D100●	1"	0.42	30
AL-D125●	1 1/4"	0.68	40
AL-D150●	1 1/2"	0.80	30
AL-D200●	2"	0.92	40
AL-D250●	2 1/2"	1.18	35
AL-D300●	3"	1.80	20
AL-D400●	4"	2.82	10
AL-D500●	5"	3.42	4
AL-D600●	6"	5.11	10
†AL-D800●	8"	9.50	2



WITH LOCKING FEATURE



Aluminum Part DP Dust Plug

AL-DP050	1/2" X 1/2"	0.07	100
AL-DP075	3/4"	0.08	50
AL-DP100	1"	0.10	80
AL-DP125	1 1/4"	0.18	50
AL-DP150	1 1/2"	0.25	50
AL-DP200	2"	0.38	60
AL-DP250	2 1/2"	0.54	40
AL-DP300	3"	0.74	50
AL-DP400	4"	1.22	25
AL-DP500	5"	1.46	4
AL-DP600	6"	2.53	20



Note: Dust Caps & Dust Plugs are **NOT DESIGNED FOR PRESSURE APPLICATIONS.**

● These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.

‡ Size 1/2" x 1/2" supplied with one forged brass handle.

† Supplied with 4 locking handles, safety clips, pull rings and chains.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Cast Aluminum Compression Quick Couplings & Adapters

For attachment to .065" aluminum tubing for **DRY** pneumatic systems only. Complete with nut and washer.

Cast Aluminum Compression Quick Couplers — BC

Part Number	Size	Weight Each	Standard Carton
BCAL150	1 1/2"	0.96	25
BCAL200	2"	1.16	20
BCAL250	2 1/2"	1.54	12
BCAL300	3"	2.08	10

WITH LOCKING FEATURE



Cast Aluminum Compression Adapters — FC

Part Number	Size	Weight Each	Standard Carton
FCAL150	1 1/2"	0.52	25
FCAL200	2"	0.72	20
FCAL250	2 1/2"	1.32	12
FCAL300	3"	1.46	10



NOTE: All Compression Quick Couplers are fully interchangeable with any other adapters made to MIL Specs.

Petroleum Couplings

Petroleum

Heavy Duty Aluminum Part C Female Coupler x Hose Shank with Forged Brass Handles

Part Number	Size	Weight Each	Standard Carton
TCC300-A	3"	2.20	15
TCC400-A	4"	3.16	15



Aluminum Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each	Standard Carton
AL-E200	2"	0.60	50
AL-E300	3"	1.32	18
AL-E400	4"	2.10	20



Aluminum Vapor Recovery Coupler with Probe with Forged Brass Handles, Coupler x Hose Shank

Part Number	Size	Weight Each	Standard Carton
VRP-A4030	4" X 3"	3.04	4



API Aluminum Coupler x Adapter



Part Number	Adapter Size	Coupler Size	Weight Each	Standard Carton
TCDA-A4040	4"	4" API	4.50	4

Aluminum Vapor Recovery Coupler with Probe with Forged Brass Handles, Coupler x Adapter

Part Number	Size	Weight Each	Standard Carton
DAP-4030	4" X 3"	3.54	4



API Aluminum Coupler x Coupler



Part Number	Adapter Size	Coupler Size	Weight Each	Standard Carton
TCDD-A4040	4"	4" API	6.00	2

Aluminum Vapor Recovery Coupler with Probe with Forged Brass Handles, Coupler x Female Thread



Part Number	Coupler Size	Female NPT Size	Weight Each	Standard Carton
CGDP-A4030	4"	3"	3.08	4
CGDP-A4040	4"	4"	3.80	4

API Aluminum Dust Cap



Part Number	Size	Weight Each	Standard Carton
TCDC-A400	4"	3.00	6

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

ALSH Aluminum Quick-Acting Couplings

with Stainless Steel Handles, Slot Pins, Safety Clips and Pull Rings

Agricultural Applications

Aluminum Part B Female Coupler x Male NPT with LTW™ Investment-Cast Stainless Steel Locking Handles

Part Number	Size	Weight Each	Standard Carton
ALSH-B100	1"	0.36	25
ALSH-B125	1 1/4"	0.62	20
ALSH-B150	1 1/2"	0.70	12
ALSH-B200	2"	0.86	10
ALSH-B250	2 1/2"	1.02	12
ALSH-B300	3"	1.56	8
ALSH-B400	4"	2.42	12



Aluminum Part D Female Coupler x Female NPT with LTW™ Investment-Cast Stainless Steel Locking Handles

Part Number	Size	Weight Each	Standard Carton
ALSH-D100	1"	0.42	25
ALSH-D125	1 1/4"	0.68	20
ALSH-D150	1 1/2"	0.80	12
ALSH-D200	2"	0.92	10
ALSH-D250	2 1/2"	1.18	12
ALSH-D300	3"	1.80	10
ALSH-D400	4"	2.82	10



Aluminum Part C Female Coupler x Hose Shank with LTW™ Investment-Cast Stainless Steel Locking Handles

Part Number	Size	Weight Each	Standard Carton
ALSH-C100	1"	0.42	25
ALSH-C125	1 1/4"	0.68	20
ALSH-C150	1 1/2"	0.74	10
ALSH-C200	2"	0.98	12
ALSH-C250	2 1/2"	1.28	12
ALSH-C300	3"	2.20	5
ALSH-C400	4"	3.16	6



Aluminum Part DC Dust Cap with LTW™ Investment-Cast Stainless Steel Locking Handles

Part Number	Size	Weight Each	Standard Carton
ALSH-DC100	1"	0.34	25
ALSH-DC125	1 1/4"	0.58	20
ALSH-DC150	1 1/2"	0.64	25
ALSH-DC200	2"	0.80	20
ALSH-DC250	2 1/2"	0.94	12
ALSH-DC300	3"	1.44	8
ALSH-DC400	4"	2.34	6



Note: These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.

Aluminum Swivel Cam & Groove Couplings

Material Handling

Our specially-designed swivel quick-couplers minimize the torque and twisting that occurs when a hose is in service. Suggested for 4" ID Tigerflex® 2020, 2001, PF and WU Series hoses.

New SmoothFlow™ tapered throat design provides full flow . . . reduces pressure drop and material build-up in hose.

SureSeal™ Aluminum Collar Clamp (included) provides positive seal . . . eliminates cutting of hose at shank end.

NOTE: Swivel Couplings are fully interchangeable with any other adapters made to MIL Specs.



Female Aluminum Swivel Coupler Part "C" with Collar Clamp and White Nitrile (BUNA-N) Gasket

Part Number	Size	Weight Each	Standard Carton
SCAL-C400	4"	5.50	1

Male Aluminum Adapter Part "E" with Collar Clamp

SCAL-E400	4"	3.20	1
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SureSeal™ Aluminum Collar Clamp Provided with Allen Wrench and 4 – 1/4-20 Socket Head Cap Screws

AL-SVC400	4"	1.70	1
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White Nitrile (BUNA-N) Gasket

WNIT400	4"	.660	10
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See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

SS304 Stainless Steel Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

Stainless Steel Part A Male Adapter x Female NPT

Part Number	Size	Weight Each	Standard Carton
SS304-A050	1/2" X 1/2"	0.20	50
SS304-A075	3/4"	0.26	25
SS304-A100	1"	0.34	25
SS304-A125	1 1/4"	0.62	36
SS304-A150	1 1/2"	0.80	25
SS304-A200	2"	1.12	20
SS304-A250	2 1/2"	1.76	12
SS304-A300	3"	2.16	8
SS304-A400	4"	3.74	6
SS304-A500	5"	4.30	4
SS304-A600	6"	8.55	2



Stainless Steel Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each	Standard Carton
SS304-E050	1/2" X 1/2"	0.25	50
SS304-E075	3/4"	0.36	25
SS304-E100	1"	0.60	25
SS304-E125	1 1/4"	0.95	25
SS304-E150	1 1/2"	1.22	25
SS304-E200	2"	1.98	20
SS304-E250	2 1/2"	2.64	12
SS304-E300	3"	3.90	8
SS304-E400	4"	6.38	6
SS304-E500	5"	9.10	4
SS304-E600	6"	13.49	2



Stainless Steel Part B Female Coupler x Male NPT

Part Number	Size	Weight Each	Standard Carton
SS304-B050‡	1/2" X 1/2"	0.30	50
SS304-B075●	3/4"	0.42	25
SS304-B100●	1"	0.64	25
SS304-B125●	1 1/4"	1.32	20
SS304-B150●	1 1/2"	1.50	20
SS304-B200●	2"	1.92	20
SS304-B250●	2 1/2"	2.68	12
SS304-B300●	3"	3.20	8
SS304-B400●	4"	6.58	6
SS304-B500●	5"	6.80	4
SS304-B600●	6"	10.98	2



Stainless Steel Part F Male Adapter x Male NPT

Part Number	Size	Weight Each	Standard Carton
SS304-F050	1/2" X 1/2"	0.30	50
SS304-F075	3/4"	0.40	25
SS304-F100	1"	0.56	25
SS304-F125	1 1/4"	1.06	25
SS304-F150	1 1/2"	1.28	25
SS304-F200	2"	1.82	20
SS304-F250	2 1/2"	2.68	12
SS304-F300	3"	3.92	8
SS304-F400	4"	6.32	6
SS304-F500	5"	8.60	4
SS304-F600	6"	11.27	2



Stainless Steel Part C Female Coupler x Hose Shank

Part Number	Size	Weight Each	Standard Carton
SS304-C050‡	1/2" X 1/2"	0.30	50
SS304-C075●	3/4"	0.46	25
SS304-C100●	1"	0.74	25
SS304-C125●	1 1/4"	1.41	20
SS304-C150●	1 1/2"	1.68	20
SS304-C200●	2"	2.30	20
SS304-C250●	2 1/2"	3.10	12
SS304-C300●	3"	4.12	8
SS304-C400●	4"	6.98	6
SS304-C500●	5"	9.60	4
SS304-C600●	6"	14.55	2



Stainless Steel Part DC Dust Cap

Part Number	Size	Weight Each	Standard Carton
SS304-DC050‡	1/2" X 1/2"	0.25	50
SS304-DC075●	3/4"	0.36	25
SS304-DC100●	1"	0.54	25
SS304-DC125●	1 1/4"	1.30	20
SS304-DC150●	1 1/2"	1.46	25
SS304-DC200●	2"	1.78	20
SS304-DC250●	2 1/2"	2.38	12
SS304-DC300●	3"	3.04	8
SS304-DC400●	4"	5.02	6
SS304-DC500●	5"	6.50	4
SS304-DC600●	6"	9.92	2



Stainless Steel Part D Female Coupler x Female NPT

Part Number	Size	Weight Each	Standard Carton
SS304-D050‡	1/2" X 1/2"	0.40	50
SS304-D075●	3/4"	0.52	25
SS304-D100●	1"	0.74	25
SS304-D125●	1 1/4"	1.47	20
SS304-D150●	1 1/2"	1.52	25
SS304-D200●	2"	2.16	25
SS304-D250●	2 1/2"	3.12	12
SS304-D300●	3"	3.82	8
SS304-D400●	4"	6.50	6
SS304-D500●	5"	8.00	4
SS304-D600●	6"	11.51	2



Stainless Steel Part DP Dust Plug

Part Number	Size	Weight Each	Standard Carton
SS304-DP050	1/2" X 1/2"	0.15	50
SS304-DP075	3/4"	0.20	25
SS304-DP100	1"	0.28	25
SS304-DP125	1 1/4"	0.60	25
SS304-DP150	1 1/2"	0.72	25
SS304-DP200	2"	0.96	20
SS304-DP250	2 1/2"	1.47	12
SS304-DP300	3"	1.94	8
SS304-DP400	4"	3.36	6
SS304-DP600	6"	9.08	2



Note: Dust Caps & Dust Plugs are NOT DESIGNED FOR PRESSURE APPLICATIONS.

- These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.
- ‡ Size 1/2" x 1/2" supplied with one sintered stainless steel handle, size 3/4" supplied with two sintered stainless steel handles.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

SS316 Stainless Steel Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

Stainless Steel Part A Male Adapter x Female NPT

Part Number	Size	Weight Each	Standard Carton
SS-A050	1/2" X 1/2"	0.20	50
SS-A075	3/4"	0.26	25
SS-A100	1"	0.34	25
SS-A125	1 1/4"	0.62	36
SS-A150	1 1/2"	0.80	25
SS-A200	2"	1.12	20
SS-A250	2 1/2"	1.76	12
SS-A300	3"	2.16	8
SS-A400	4"	3.74	6
SS-A500	5"	4.30	4
SS-A600	6"	8.55	2



Stainless Steel Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each	Standard Carton
SS-E050	1/2" X 1/2"	0.25	50
SS-E075	3/4"	0.36	25
SS-E100	1"	0.60	25
SS-E125	1 1/4"	0.95	25
SS-E150	1 1/2"	1.22	25
SS-E200	2"	1.98	20
SS-E250	2 1/2"	2.64	12
SS-E300	3"	3.90	8
SS-E400	4"	6.38	6
SS-E500	5"	9.10	4
SS-E600	6"	13.49	2



Stainless Steel Part B Female Coupler x Male NPT

Part Number	Size	Weight Each	Standard Carton
SS-B050‡	1/2" X 1/2"	0.30	50
SS-B075●	3/4"	0.42	25
SS-B100●	1"	0.64	25
SS-B125●	1 1/4"	1.32	20
SS-B150●	1 1/2"	1.50	20
SS-B200●	2"	1.92	20
SS-B250●	2 1/2"	2.68	12
SS-B300●	3"	3.20	8
SS-B400●	4"	6.58	6
SS-B500●	5"	6.80	4
SS-B600●	6"	10.98	2



Stainless Steel Part F Male Adapter x Male NPT

Part Number	Size	Weight Each	Standard Carton
SS-F050	1/2" X 1/2"	0.30	50
SS-F075	3/4"	0.40	25
SS-F100	1"	0.56	25
SS-F125	1 1/4"	1.06	25
SS-F150	1 1/2"	1.28	25
SS-F200	2"	1.82	20
SS-F250	2 1/2"	2.68	12
SS-F300	3"	3.92	8
SS-F400	4"	6.32	6
SS-F500	5"	8.60	4
SS-F600	6"	11.27	2



Stainless Steel Part C Female Coupler x Hose Shank

Part Number	Size	Weight Each	Standard Carton
SS-C050‡	1/2" X 1/2"	0.30	50
SS-C075●	3/4"	0.46	25
SS-C100●	1"	0.74	25
SS-C125●	1 1/4"	1.41	20
SS-C150●	1 1/2"	1.68	20
SS-C200●	2"	2.30	20
SS-C250●	2 1/2"	3.10	12
SS-C300●	3"	4.12	8
SS-C400●	4"	6.98	6
SS-C500●	5"	9.60	4
SS-C600●	6"	14.55	2



Stainless Steel Part DC Dust Cap

Part Number	Size	Weight Each	Standard Carton
SS-DC050‡	1/2" X 1/2"	0.25	50
SS-DC075●	3/4"	0.36	25
SS-DC100●	1"	0.54	25
SS-DC125●	1 1/4"	1.30	20
SS-DC150●	1 1/2"	1.46	25
SS-DC200●	2"	1.78	20
SS-DC250●	2 1/2"	2.38	12
SS-DC300●	3"	3.04	8
SS-DC400●	4"	5.02	6
SS-DC500●	5"	6.50	4
SS-DC600●	6"	9.92	2



Stainless Steel Part D Female Coupler x Female NPT

Part Number	Size	Weight Each	Standard Carton
SS-D050‡	1/2" X 1/2"	0.40	50
SS-D075●	3/4"	0.52	25
SS-D100●	1"	0.74	25
SS-D125●	1 1/4"	1.47	20
SS-D150●	1 1/2"	1.52	25
SS-D200●	2"	2.16	25
SS-D250●	2 1/2"	3.12	12
SS-D300●	3"	3.82	8
SS-D400●	4"	6.50	6
SS-D500●	5"	8.00	4
SS-D600●	6"	11.51	2



Stainless Steel Part DP Dust Plug

Part Number	Size	Weight Each	Standard Carton
SS-DP050	1/2" X 1/2"	0.15	50
SS-DP075	3/4"	0.20	25
SS-DP100	1"	0.28	25
SS-DP125	1 1/4"	0.60	25
SS-DP150	1 1/2"	0.72	25
SS-DP200	2"	0.96	20
SS-DP250	2 1/2"	1.47	12
SS-DP300	3"	1.94	8
SS-DP400	4"	3.36	6
SS-DP600	6"	9.08	2



Note: Dust Caps & Dust Plugs are **NOT DESIGNED FOR PRESSURE APPLICATIONS.**

- These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.
- ‡ Size 1/2" x 1/2" supplied with one sintered stainless steel handle, size 3/4" supplied with two sintered stainless steel handles.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

K-Loc™ Auto Lock SS316 Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

WITH LTW (LIFETIME WARRANTED) INVESTMENT-CAST SS LOCKING HANDLES



**K-Loc™ Auto Lock SS316
Part B Quick-Acting Coupler**

Part Number	Size	Weight Each	Standard Carton
KLOC-SS-B150●	1½"	1.57	20
KLOC-SS-B200●	2"	2.09	16
KLOC-SS-B300●	3"	3.63	4



**K-Loc™ Auto Lock SS316
Part DC Dust Cap**

Part Number	Size	Weight Each	Standard Carton
KLOC-SS-DC150●	1½"	1.49	20
KLOC-SS-DC200●	2"	1.89	18
KLOC-SS-DC300●	3"	3.33	8



**K-Loc™ Auto Lock SS316
Part C Quick-Acting Coupler**

Part Number	Size	Weight Each	Standard Carton
KLOC-SS-C150●	1½"	1.87	15
KLOC-SS-C200●	2"	2.80	10
KLOC-SS-C300●	3"	5.22	5

**K-Loc™ Auto Lock SS
Investment-Cast LTW™
Replacement Handles‡,
SS Slot Pins, SS Safety Clips
& SS Pull Rings**



Part Number	Size
K-LOCSSHA200	1½" & 2"
K-LOCSSHA300	3" & 4"



**K-Loc™ Auto Lock SS316
Part D Quick-Acting Coupler**

Part Number	Size	Weight Each	Standard Carton
KLOC-SS-D150●	1½"	1.74	20
KLOC-SS-D200●	2"	2.26	16
KLOC-SS-D300●	3"	3.85	4

‡ Note: If a K-Loc™ Auto Lock handle breaks, it can be replaced with a standard LTW™ Investment-Cast SS handle to make the coupling functional. Although the K-Loc™ Auto Lock locking feature would no longer be present, locking can still be accomplished by inserting a safety clip through the holes provided.

● These couplers are supplied with special K-Loc™ Auto Lock LTW locking handles.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Brass Quick-Acting Couplings

Chemicals/Petroleum • Construction

Brass Part A Male Adapter x Female NPT

	Part Number	Size	Weight Each	Standard Carton
	BR-A050	1/2" X 1/2"	0.15	50
	BR-A075	3/4"	0.24	25
	BR-A100	1"	0.34	25
	BR-A125	1 1/4"	0.73	36
	BR-A150	1 1/2"	0.66	25
	BR-A200	2"	0.86	20
	BR-A250	2 1/2"	1.61	12
	BR-A300	3"	1.72	8
	BR-A400	4"	3.41	6
	BR-A500	5"	4.85	4
	BR-A600	6"	7.27	2

Brass Part E Male Adapter x Hose Shank

	Part Number	Size	Weight Each	Standard Carton
	BR-E050	1/2" X 1/2"	0.24	50
	BR-E075	3/4"	0.36	25
	BR-E100	1"	0.59	25
	BR-E125	1 1/4"	0.75	25
	BR-E150	1 1/2"	1.01	25
	BR-E200	2"	1.54	20
	BR-E250	2 1/2"	2.11	12
	BR-E300	3"	3.08	8
	BR-E400	4"	4.30	6
	BR-E500	5"	7.60	4
	BR-E600	6"	12.33	2

Brass Part B Female Coupler x Male NPT

	Part Number	Size	Weight Each	Standard Carton
	BR-B050‡	1/2" X 1/2"	0.36	50
	BR-B075●	3/4"	0.44	25
	BR-B100●	1"	0.66	25
	BR-B125●	1 1/4"	1.19	20
	BR-B150●	1 1/2"	1.21	20
	BR-B200●	2"	1.39	20
	BR-B250●	2 1/2"	1.87	12
	BR-B300●	3"	4.36	8
	BR-B400●	4"	4.19	6
	BR-B500●	5"	5.18	4
	BR-B600●	6"	8.15	2

Brass Part F Male Adapter x Male NPT

	Part Number	Size	Weight Each	Standard Carton
	BR-F050	1/2" X 1/2"	0.22	50
	BR-F075	3/4"	0.33	25
	BR-F100	1"	0.53	25
	BR-F125	1 1/4"	0.66	25
	BR-F150	1 1/2"	0.88	25
	BR-F200	2"	1.08	20
	BR-F250	2 1/2"	1.85	12
	BR-F300	3"	2.42	8
	BR-F400	4"	3.74	6
	BR-F500	5"	4.63	4
	BR-F600	6"	9.03	2

Brass Part C Female Coupler x Hose Shank

	Part Number	Size	Weight Each	Standard Carton
	BR-C050‡	1/2" X 1/2"	0.35	50
	BR-C075●	3/4"	0.53	25
	BR-C100●	1"	0.81	25
	BR-C125●	1 1/4"	1.23	20
	BR-C150●	1 1/2"	1.32	20
	BR-C200●	2"	1.72	20
	BR-C250●	2 1/2"	2.42	12
	BR-C300●	3"	3.74	8
	BR-C400●	4"	5.51	6
	BR-C500●	5"	7.27	4
	BR-C600	6"	13.77	2

Brass Part DC Dust Cap

	Part Number	Size	Weight Each	Standard Carton
	BR-DC075●	3/4"	0.42	50
	BR-DC100●	1"	0.66	25
	BR-DC125●	1 1/4"	0.95	20
	BR-DC150●	1 1/2"	1.04	25
	BR-DC200●	2"	1.32	20
	BR-DC250●	2 1/2"	2.05	12
	BR-DC300●	3"	2.20	8
	BR-DC400●	4"	3.96	6
	BR-DC500●	5"	4.74	4
	BR-DC600●	6"	8.59	2

Brass Part D Female Coupler x Female NPT

	Part Number	Size	Weight Each	Standard Carton
	BR-D050‡	1/2" X 1/2"	0.35	50
	BR-D075●	3/4"	0.51	25
	BR-D100●	1"	0.75	25
	BR-D125●	1 1/4"	1.12	20
	BR-D150●	1 1/2"	1.21	25
	BR-D200●	2"	1.43	25
	BR-D250●	2 1/2"	1.87	12
	BR-D300●	3"	3.13	8
	BR-D400●	4"	5.29	6
	BR-D500●	5"	5.62	4
	BR-D600	6"	10.95	2

Brass Part DP Dust Plug

	Part Number	Size	Weight Each	Standard Carton
	BR-DP075	3/4"	0.22	50
	BR-DP100	1"	0.33	25
	BR-DP125	1 1/4"	0.46	25
	BR-DP150	1 1/2"	0.53	25
	BR-DP200	2"	0.99	20
	BR-DP250	2 1/2"	0.99	12
	BR-DP300	3"	1.65	8
	BR-DP400	4"	2.42	6
	BR-DP500	5"	3.74	4
	BR-DP600	6"	4.74	2

Note: Dust Caps & Dust Plugs are NOT DESIGNED FOR PRESSURE APPLICATIONS.

● These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.

‡ Size 1/2" x 1/2" supplied with one forged brass handle.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Reducing Coupler/Adapters, Spool Adapters, Flange Adapter & Coupler, Coupler X Coupler

Chemicals/Petroleum

Aluminum Reducing Coupler/Adapter — Part D x A with Forged Brass Handles

	Part Number	Size	Weight Each	Standard Carton
	RDA-A2030	2" X 3"	1.64	12
	RDA-A3020	3" X 2"	2.37	6
	RDA-A3040	3" X 4"	2.60	6
	RDA-A4020	4" X 2"	2.70	6
	RDA-A4030	4" X 3"	2.96	6
	RDA-A6040	6" X 4"	6.66	2

Aluminum Spool Adapters

	Part Number	Size	Weight Each	Standard Carton
	SA-A150	1 1/2" X 1 1/2"	0.43	50
	SA-A200	2" X 2"	0.68	40
	SA-A2030	2" X 3"	0.97	12
	SA-A300	3" X 3"	1.10	12
	SA-A3040	3" X 4"	1.78	8
	SA-A400	4" X 4"	1.91	6

Brass Reducing Coupler/Adapter — Part D x A with Forged Brass Handles

	RDA-B2030	2" X 3"	2.86	6
	RDA-B3020	3" X 2"	6.12	6
	RDA-B4020	4" X 2"	7.07	6
	RDA-B4030	4" X 3"	9.42	6

Brass Spool Adapters

	SA-B150	1 1/2" X 1 1/2"	1.35	50
	SA-B200	2" X 2"	2.11	40
	SA-B250	2 1/2" X 2 1/2"	3.55	30
	SA-B300	3" X 3"	3.69	20
	SA-B400	4" X 4"	5.97	6

Stainless Steel Reducing Coupler/Adapter – Part D x A with LTW (Lifetime Warranted) Investment-Cast SS Locking Handles

	RDA-SS3020	3" X 2"	4.08	6
	RDA-SS4030	4" X 3"	6.41	4
	RDA-SS6040	6" X 4"	12.10	2

Stainless Steel Spool Adapters

	SA-SS150	1 1/2" X 1 1/2"	1.76	18
	SA-SS1520	1 1/2" X 2"	2.10	20
	SA-SS200	2" X 2"	2.48	20
	SA-SS2030	2" X 3"	3.14	10
	SA-SS300	3" X 3"	4.61	10
	SA-SS3040	3" X 4"	5.28	6
	SA-SS400	4" X 4"	7.28	6

Aluminum Adapter X 150# ASA Flange Drilling

	FL-AL-A300	3"	3.86	4
	FL-AL-A400	4"	5.86	3
	FL-AL-A600	6"	9.92	2

Aluminum Coupler X 150# ASA Flange Drilling

	FL-AL-D300	3"	5.07	3
	FL-AL-D400	4"	7.94	2
	FL-AL-D600	6"	12.89	1

Aluminum DD Coupler X Coupler with Forged Brass Handles and Carbon Steel Safety Clips

	DD-AL200	2" X 2"	1.43	12
	DD-AL300	3" X 3"	2.40	6
	DD-AL400	4" X 4"	3.90	5

Stainless Steel DD Coupler X Coupler with LTW (Lifetime Warranted) Investment-Cast SS Locking Handles and SS Safety Clips

	DD-SS150	1 1/2" X 1 1/2"	2.10	20
	DD-SS200	2" X 2"	2.89	12
	DD-SS300	3" X 3"	5.11	6
	DD-SS400	4" X 4"	6.66	5

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Polypropylene Quick-Acting Couplings

Agriculture • Construction

Polypropylene Part A Male Adapter x Female NPT

Part Number	Size	Weight Each	Standard Carton
PPA050	1/2" X 1/2"	0.04	200
PPA075	3/4"	0.05	50
PPA100	1"	0.05	70
PPA125	1 1/4" X 1 1/4"	0.10	40
PPA150	1 1/2"	0.14	30
PPA200	2"	0.19	40
PPA300	3"	0.48	35
PPA400	4"	1.02	20



Polypropylene Part D Female Coupler x Female NPT

Part Number	Size	Weight Each	Standard Carton
PPD050	1/2" X 1/2"	0.18	100
PPD075	3/4"	0.19	50
PPD100	1"	0.25	30
PPD125	1 1/4" X 1 1/4"	0.41	40
PPD150	1 1/2"	0.53	30
PPD200	2"	0.55	40
PPD300	3"	1.17	20
PPD400	4"	1.58	10



Polypropylene Part B Female Coupler x Male NPT

Part Number	Size	Weight Each	Standard Carton
PPB050	1/2" X 1/2"	0.17	50
PPB075	3/4"	0.18	50
PPB100	1"	0.26	30
PPB125	1 1/4" X 1 1/4"	0.40	45
PPB150	1 1/2"	0.49	30
PPB200	2"	0.47	50
PPB300	3"	1.17	25
PPB400	4"	1.44	25



Polypropylene Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each	Standard Carton
PPE050	1/2" X 1/2"	0.03	200
PPE075	3/4"	0.06	50
PPE100	1"	0.08	50
PPE125	1 1/4" X 1 1/4"	0.15	30
PPE150	1 1/2"	0.17	40
PPE200	2"	0.30	50
PPE300	3"	0.76	18
PPE400	4"	1.00	20



Polypropylene Part C Female Coupler x Hose Shank

Part Number	Size	Weight Each	Standard Carton
PPC050	1/2" X 1/2"	0.17	100
PPC075	3/4"	0.19	50
PPC100	1"	0.27	60
PPC125	1 1/4" X 1 1/4"	0.40	35
PPC150	1 1/2"	0.51	30
PPC200	2"	0.61	40
PPC300	3"	1.28	15
PPC400	4"	1.70	15



Polypropylene Part F Male Adapter x Male NPT

Part Number	Size	Weight Each	Standard Carton
PPF050	1/2" X 1/2"	0.04	200
PPF075	3/4"	0.06	50
PPF100	1"	0.11	45
PPF125	1 1/4" X 1 1/4"	0.15	30
PPF150	1 1/2"	0.18	50
PPF200	2"	0.29	60
PPF300	3"	0.56	20
PPF400	4"	0.81	25



- These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.
- ‡ All 4" couplers are supplied with **THREE** locking handles to provide additional stability and prevent wobbling.
- These couplers are supplied with 2 sintered stainless steel handles.

NOTE: All parts on this page are fully interchangeable with any other adapters made to MIL Specs. 1/2" X 1/2" are not specified under MIL Specs.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Polypropylene Quick-Acting Couplings *(continued)*

Agriculture • Construction

Polypropylene Part DC Dust Cap

Part Number	Size	Weight Each	Standard Carton
PPDC050■	1/2"	0.16	100
PPDC075●■	3/4"	0.17	50
PPDC100●	1"	0.24	40
PPDC125●	1 1/4"	0.42	25
PPDC150●	1 1/2"	0.47	40
PPDC200●	2"	0.50	60
PPDC300●	3"	1.11	30
PPDC400●‡	4"	1.06	15



Polypropylene Part DP Dust Plug

Part Number	Size	Weight Each	Standard Carton
PPDP050	1/2"	0.02	200
PPDP075	3/4"	0.03	50
PPDP100	1"	0.04	80
PPDP125	1 1/4"	0.06	50
PPDP150	1 1/2"	0.10	50
PPDP200	2"	0.15	60
PPDP300	3"	0.36	50
PPDP400	4"	0.50	25



Note: Dust Caps & Dust Plugs are NOT DESIGNED FOR PRESSURE APPLICATIONS.

Polypropylene 90° Male Adapter x Female NPT

Part Number	Size	Weight Each	Standard Carton
PP150A90	1 1/2"	0.23	24
PP200A90	2"	0.36	24



Polypropylene 90° Female Coupler x Hose Shank

Part Number	Size	Weight Each	Standard Carton
PP150C90●	1 1/2"	0.56	24
PP200C90●	2"	0.73	24



Polypropylene 90° Female Coupler x Female NPT

Part Number	Size	Weight Each	Standard Carton
PP150D90●	1 1/2"	0.65	24
PP200D90●	2"	0.78	24



Polypropylene 90° Male Adapter x Male NPT

Part Number	Size	Weight Each	Standard Carton
PP150F90	1 1/2"	0.27	24
PP200F90	2"	0.41	24



Polypropylene Combination Hose Nipples — PPN Series / NPT Thread

Part Number	Size	Weight Each	Standard Carton
PPN050	1/2"	0.03	400
PPN075	3/4"	0.06	200
PPN100	1"	0.07	100
PPN125	1 1/4"	0.11	80
PPN150	1 1/2"	0.13	60
PPN200	2"	0.22	40
PPN300	3"	0.55	12



- These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.
- ‡ All 4" couplers are supplied with **THREE** locking handles to provide additional stability and prevent wobbling.
- These couplers are supplied with 2 sintered stainless steel handles.

NOTE: All parts on this page are fully interchangeable with any other adapters made to MIL Specs. 1/2" X 1/2" are not specified under MIL Specs.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Glass Reinforced Nylon Quick-Acting Couplings

Agriculture • Construction

Glass Reinforced Nylon Part A Male Adapter x Female NPT

	Part Number	Size	Weight Each	Standard Carton
	GRA100	1"	0.16	70
	GRA150	1 1/2"	0.18	30
	GRA200	2"	0.26	40
	GRA300	3"	0.46	35
	GRA400	4"	0.92	20

Glass Reinforced Nylon Part F Male Adapter x Male NPT

	Part Number	Size	Weight Each	Standard Carton
	GRF100	1"	0.10	45
	GRF150	1 1/2"	0.18	50
	GRF200	2"	0.28	60
	GRF300	3"	0.66	20
	GRF400	4"	0.90	25

Glass Reinforced Nylon Part B Female Coupler x Male NPT

	Part Number	Size	Weight Each	Standard Carton
	GRB100●	1"	0.16	30
	GRB150●	1 1/2"	0.46	30
	GRB200●	2"	0.52	50
	GRB300●	3"	1.02	25
	GRB400●■	4"	1.34	25

WITH LOCKING FEATURE

Glass Reinforced Nylon Part DC Dust Cap

	Part Number	Size	Weight Each	Standard Carton
	GRDC100●	1"	0.16	40
	GRDC150●	1 1/2"	0.46	40
	GRDC200●	2"	0.50	60
	GRDC300●	3"	0.96	30
	GRDC400●■	4"	1.16	15

WITH LOCKING FEATURE

Glass Reinforced Nylon Part C Female Coupler x Hose Shank

	Part Number	Size	Weight Each	Standard Carton
	GRC100●	1"	0.18	60
	GRC150●	1 1/2"	0.50	30
	GRC200●	2"	0.58	40
	GRC300●	3"	1.24	15
	GRC400●■	4"	1.60	15

WITH LOCKING FEATURE

Glass Reinforced Nylon Part DP Dust Plug

	Part Number	Size	Weight Each	Standard Carton
	GRDP100	1"	0.06	80
	GRDP150	1 1/2"	0.12	50
	GRDP200	2"	0.20	60
	GRDP300	3"	0.36	50
	GRDP400	4"	0.60	25

Glass Reinforced Nylon Part D Female Coupler x Female NPT

	Part Number	Size	Weight Each	Standard Carton
	GRD100●	1"	0.18	30
	GRD150●	1 1/2"	0.50	30
	GRD200●	2"	0.58	40
	GRD300●	3"	1.04	20
	GRD400●■	4"	1.48	10

WITH LOCKING FEATURE

Note: Dust Caps & Dust Plugs are NOT DESIGNED FOR PRESSURE APPLICATIONS.

Glass Reinforced Nylon Combination Hose Nipples — GRN Series / NPT Thread

	Part Number	Size	Weight Each	Standard Carton
	GRN050	1/2"	0.02	400
	GRN075	3/4"	0.04	200
	GRN100	1"	0.06	100
	GRN125	1 1/4"	0.08	80
	GRN150	1 1/2"	0.12	60
	GRN200	2"	0.22	40
	GRN300	3"	0.54	12
	GRN400	4"	0.80	12

Glass Reinforced Nylon Part E Male Adapter x Hose Shank

	Part Number	Size	Weight Each	Standard Carton
	GRE100	1"	0.02	50
	GRE150	1 1/2"	0.18	40
	GRE200	2"	0.28	50
	GRE300	3"	0.66	18
	GRE400	4"	1.04	20

GRN Series

● These couplers are supplied with locking feature . . . safety clips may be inserted to lock handles, preventing disconnection during product transfer.

■ All 4" couplers are supplied with **THREE** locking handles to provide additional stability and prevent wobbling.

NOTE: All parts on this page are fully interchangeable with any other adapters made to MIL Specs.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Gaskets - EPDM & Buna-N

Replacement EPDM Gaskets†
for Quick-Acting Aluminum
SS, Polypropylene and Glass
Reinforced Nylon Couplings



Part Number	Size	Weight Each	Standard Pkg†
EPDM100	1"	.010	10
EPDM125	1¼"	.016	10
EPDM150	1½"	.018	10
EPDM200	2"	.022	10
EPDM250	2½"	.034	10
EPDM300	3"	.042	10
EPDM400	4"	.066	10

† Sold in full standard packages only

Replacement Buna-N Gaskets†
for Aluminum, Brass, 316
Stainless and K-Loc™ Couplings



Part Number	Size	Weight Each	Standard Pkg†
BUNA075	¾"	.008	10
BUNA100	1"	.010	10
BUNA125	1¼"	.016	10
BUNA150	1½"	.018	10
BUNA200	2"	.022	10
BUNA250	2½"	.034	10
BUNA300	3"	.042	10
BUNA400	4"	.066	10
BUNA500	5"	.094	10
BUNA600	6"	.116	10
BUNA800	8"	.220	10

† Sold in full standard packages only

Replacement Handles & Safety Clips

Forged Brass
Replacement Handles—
with Stainless Steel Slot Pins,
SS Pull Rings and SS
Safety Clips



Part Number	Size
HA BRASS075	½" – ¾"
HA BRASS100	1"
HA BRASS200	1¼" – 2½"
HA BRASS300	3" – 5"
HA BRASS600	6" – 8"

Investment Cast SS LTW*
Replacement Handles with
SS Slot Pins, SS Pull Rings
and SS Safety Clips



Part Number	Size
HA ST-STL100	1"
HA ST-STL200	1¼" – 2½"
HA ST-STL300	3" – 5"
HA ST-STL600	6" – 8"

Sintered PM SS
Replacement Handles—
with SS Slot Pins & SS
Pull Rings



Part Number	Size
HA ST-STL075	½" – ¾"

Safety Clips —
304 Stainless Steel
For Use On All Types of
Quick-Acting Hose Couplings



Part Number	Size	Weight Each	Standard Pkg†
SCSS-200	¾" – 5"	.25	10
SCSS-600	6 – 8"	.40	10

* Lifetime Warranty on handles only.

See Material Specifications & Operating Pressure Chart on Page 39

All prices and specifications subject to change without notice.

Universal Air Hose Couplings - Plated

Construction

Plated 2-Lug Universal Air Hose Couplings — Hose End

Part Number	Hose ID Size	Weight Std. Pkg.	Standard Carton*
‡HE-38	3/8"	11 lbs	25
‡HE-50	1/2"	12 lbs	25
‡HE-75	3/4"	14 lbs	25
‡HE-100	1"	16 lbs	25



Plated 4-Lug Universal Air Hose Couplings — Hose End

Part Number	Hose ID Size	Weight Std. Pkg.	Standard Pkg*
‡HE-125	1 1/4"	17 lbs	10
‡HE-150	1 1/2"	18 lbs	10
‡HE-200	2"	15 lbs	10



‡ Supplied with carbon steel safety clip and lanyard at NO CHARGE

Plated 2-Lug Universal Air Hose Couplings — Female End

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
FE-25	1/4"	8 lbs	25
FE-38	3/8"	8 lbs	25
FE-50	1/2"	11 lbs	25
FE-75	3/4"	12 lbs	25
FE-100	1"	13 lbs	25



Plated 4-Lug Universal Air Hose Couplings — Female End

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
FE-125	1 1/4"	9 lbs	10
FE-150	1 1/2"	10 lbs	10
FE-200	2"	4 lbs	10



Plated 2-Lug Universal Air Hose Couplings — Male End

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
ME-25	1/4"	9 lbs	25
ME-38	3/8"	10 lbs	25
ME-50	1/2"	11 lbs	25
ME-75	3/4"	12 lbs	25
ME-100	1"	15 lbs	25



Plated 2-Bolt Clamp

Part Number	Hose ID	Hose OD	Weight Std. Ctn.	Std. Carton*
HC-50	1/2"	1"-1 1/8"	8 lbs	25
HC-75	3/4"	1 1/8"-1 5/16"	14 lbs	25
HC-100	1"	1 7/32"-1 21/32"	18 lbs	25



Plated 3-Way Connector

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
TWC	—	25 lbs	12



Plated Blank End

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
BE	—	13 lbs	25



Universal Carbon Steel Safety Clips and Lanyards — For use with all Universal Air Hose and Sandblast Couplings

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
USCL	—	.25 lbs	10



Rubber Air Hose Gasket

Part Number	Hose ID Size	Weight Std. Ctn.	Standard Carton*
AHG-75	1/2" – 1" 2-Lug	2 lbs	10
AHG-100	1 1/4" – 2" 4-Lug	2 lbs	10



TEMPERATURE RANGE: -20° F. TO 150° F.
WARNING: NOT TO BE USED FOR STEAM SERVICE

*All couplings, clamps, gaskets, safety clips and lanyards sold in full standard packages only.

WARNING: Not to be used for steam service.

NOTE: For safety purposes, use of lanyard and safety clip (supplied with hose ends) is recommended with all Universal Air Hose Couplings.

All prices and specifications subject to change without notice.

Sand Blast Hose Couplings

Construction



Quick Disconnect Ends
(Supplied with Phillips Head Screws)



External Nozzle Holders
(Supplied with Phillips Head Screws)

Aluminum Sand Blast Hose Couplings — Quick Disconnect Ends

Part Number	Hose Size	Hose OD	Weight Std. Ctn.	Standard Carton*
★ Q-AL050	1/2"	1.06"	0.15	6
Q-AL1	3/4"	1 1/2"	0.36	6
Q-AL2	1"	1 7/8"	0.36	6
Q-AL3	1 1/4"	2 5/32"	0.66	6
Q-AL4	1 1/2"	2 3/8"	0.88	6
Q-AL5 ‡	1 1/2"	2 3/8"	1.10	6

★ To be used on 1.06" OD Hose only.

Brass Sand Blast Hose Couplings — Quick Disconnect Ends

Part Number	Hose Size	Hose OD	Weight Std. Ctn.	Standard Carton*
Q-BR1	3/4"	1 1/2"	1.06	6
Q-BR2	1"	1 7/8"	1.12	6
Q-BR3	1 1/4"	2 5/32"	1.94	6
Q-BR4	1 1/2"	2 3/8"	2.64	6
Q-BR5 ‡	1 1/2"	2 3/8"	3.50	6

Plated Iron Sand Blast Hose Couplings — Quick Disconnect Ends

Part Number	Hose Size	Hose OD	Weight Std. Ctn.	Standard Carton*
Q-PI1	3/4"	1 1/2"	0.98	10
Q-PI2	1"	1 7/8"	1.02	10
Q-PI3	1 1/4"	2 5/32"	1.84	10
Q-PI4	1 1/2"	2 3/8"	2.38	10

Natural Rubber Gaskets for Sand Blast Hose Couplings



Part Number	Weight Each	Standard Package*
SBG	0.24	10
SRG-2 ‡	0.63	10

‡ NOTE QAL5, QBR5, SB-3AL, and SBBR3 are large ID full-flow fittings for 1 1/2" ID hose and are not interchangeable with standard fittings. Full-flow fittings require SRG-2 gaskets.

Aluminum Sand Blast Hose Couplings — External Nozzle Holders with Female NPS Thread

Part Number	Hose Size	Hose OD	NPS Female Thread Size	Weight Std. Ctn.	Std.* Ctn.
★ NH-AL050	1/2"	1.06"	3/4"	0.15	6
NH-AL1	3/4"	1 1/2"	1 1/4"	0.30	6
NH-AL2	1"	1 7/8"	1 1/4"	0.36	6
NH-AL3	1 1/4"	2 5/32"	1 1/4"	0.52	6
NH-AL4	1 1/2"	2 3/8"	1 1/4"	0.98	6

★ To be used on 1.06" OD Hose only.

Brass Sand Blast Hose Couplings — External Nozzle Holders

Part Number	Hose Size	Hose OD	NPS Female Thread Size	Weight Std. Ctn.	Std.* Ctn.
NH-BR1	3/4"	1 1/2"	1 1/4"	0.94	6
NH-BR2	1"	1 7/8"	1 1/4"	1.02	6
NH-BR3	1 1/4"	2 5/32"	1 1/4"	1.58	6
NH-BR4	1 1/2"	2 3/8"	1 1/4"	2.96	6

Sand Blast Quick Disconnect Couplings x Female NPT

Aluminum Quick Disconnect Female Threaded Adapters — NPT



Part Number	Hose Size	NPT Female Thread Size	Weight Std. Ctn.	Std.* Ctn.
SB-AL1	1 1/4"	1 1/4"	0.34	6
SB-AL2	1 1/2"	1 1/4"	0.28	6
SB-AL3 ‡	1 1/2"	1 1/4"	1.05	6

Brass Quick Disconnect Female Threaded Adapters — NPT

Part Number	Hose Size	NPT Female Thread Size	Weight Std. Ctn.	Std.* Ctn.
SB-BR1	1 1/4"	1 1/4"	1.02	6
SB-BR2	1 1/2"	1 1/4"	0.84	6
SB-BR3 ‡	1 1/2"	1 1/4"	3.05	6

Universal Carbon Steel Safety Clips and Lanyards — For use with all Universal Air Hose and Sandblast Couplings

Part Number	Weight Std. Pkg.	Std.* Pkg.
USCL	.25 lbs	10



***All couplings, clamps, gaskets, safety clips and lanyards sold in full standard packages only.**

All prices and specifications subject to change without notice.

Quick Disconnect Couplings and Plugs Industrial Interchange



Quick Disconnect Couplings and Plugs by Kuriyama are semi-automatic and rated to 300 PSI when used with 1/4" and 3/8" ID air hoses.



Coupler with Male Thread

Part Number	Body Size	Thread Size	Weight Each	Standard Package*
QDAC-4MC	1/4"	1/4"	0.23	10
QDAC-6MC	1/4"	3/8"	0.23	10



Plug with Male Thread

Part Number	Body Size	Thread Size	Weight Each	Standard Package*
QDAP-4MP	1/4"	1/4"	0.05	10
QDAP-6MP	1/4"	3/8"	0.05	10



Coupler with Female Thread

Part Number	Body Size	Thread Size	Weight Each	Standard Package*
QDAC-4FC	1/4"	1/4"	0.23	10
QDAC-6FC	1/4"	3/8"	0.23	10



Plug with Female Thread

Part Number	Body Size	Thread Size	Weight Each	Standard Package*
QDAP-4FP	1/4"	1/4"	0.05	10
QDAP-6FP	1/4"	3/8"	0.05	10



Coupler with Hose Barb

Part Number	Body Size	Barb Size	Weight Each	Standard Package*
QDAC-4HC	1/4"	1/4"	0.23	10
QDAC-6HC	1/4"	3/8"	0.23	10



Plug with Hose Barb

Part Number	Body Size	Barb Size	Weight Each	Standard Package*
QDAP-4HP	1/4"	1/4"	0.05	10
QDAP-6HP	1/4"	3/8"	0.05	10

*All Quick Disconnect Couplings and Plugs are sold in full standard packages only.

KCPPL0107

Ground Joints

Couplings and Clamps - Zinc Plated



Hose Stem with Wing Nut and Female Spud

Part Number	Size	Weight Each	Standard Carton
GJ-050	1/2"	0.75	50
GJ-075	3/4"	1.86	25
GJ-100	1"	1.81	30
GJ-125	1 1/4"	3.73	15
GJ-150	1 1/2"	3.68	15
GJ-200	2"	5.69	10
GJ-250	2 1/2"	12.59	4
GJ-300	3"	15.85	4
GJ-400	4"	28.46	2



Hose Stem Only

Part Number	Size	Weight Each	Standard Carton
GJS-050	1/2"	0.18	200
GJS-075	3/4"	0.55	100
GJS-100	1"	0.51	100
GJS-125	1 1/4"	1.17	32
GJS-150	1 1/2"	1.30	35
GJS-200	2"	1.72	25
GJS-250	2 1/2"	3.70	10
GJS-300	3"	4.83	8
GJS-400	4"	8.95	4



All prices and specifications subject to change without notice.



Ground Joints (continued)

Couplings and Clamps - Zinc Plated

Wing Nut

	Part Number	Size	Weight Each	Standard Carton
	GJN-050	1/2"	0.31	200
	GJN-075	3/4"	0.71	60
	GJN-100	1"	0.71	60
	GJN-125	1 1/4"	1.52	40
	GJN-150	1 1/2"	1.52	40
	GJN-200	2"	2.54	24
	GJN-250	2 1/2"	4.65	10
	GJN-300	3"	5.51	10
	GJN-400	4"	10.63	4

Female Spud with Copper Sealing

 NPT Thread Wing Nut Thread	GJF-050	1/2"	0.29	200
	GJF-075	3/4"	0.64	100
	GJF-100	1"	0.57	100
	GJF-125	1 1/4"	1.21	40
	GJF-150	1 1/2"	1.04	40
	GJF-200	2"	1.39	32
	GJF-250	2 1/2"	4.23	12
	GJF-300	3"	5.51	10
	GJF-400	4"	8.88	5

Male Spud with Copper Sealing

 NPT Thread Wing Nut Thread	GMS-050	1/2"	0.29	100
	GMS-075	3/4"	0.75	60
	GMS-100	1"	0.79	50
	GMS-125	1 1/4"	1.43	30
	GMS-150	1 1/2"	1.70	30
	GMS-200	2"	2.23	30

Double Spud with Copper Sealing

 Wing Nut Thread Wing Nut Thread	GDS-050	1/2"	0.40	100
	GDS-075	3/4"	1.32	60
	GDS-100	1"	1.32	60
	GDS-125	1 1/4"	1.41	30
	GDS-150	1 1/2"	1.41	30
	GDS-200	2"	1.92	24

Male Pipe Stem (NPT)

 NPT Thread	GJM-050	1/2"	0.17	250
	GJM-075	3/4"	0.33	250
	GJM-100	1"	0.55	100
	GJM-125	1 1/4"	1.28	32
	GJM-150	1 1/2"	1.79	25
	GJM-200	2"	2.65	20
	GJM-250	2 1/2"	4.83	8
	GJM-300	3"	6.26	6
	GJM-400	4"	11.40	3

Whipcheck – Safety Cable

STYLE WC for hose-to-hose service

Part Number	Hose ID	Size	Weight Each	Standard Carton
WC-1	1/2" - 1 1/4"	1/8"	0.24	100
WC-2	1 1/2" - 3"	1/4"	1.15	50



Whipcheck – Safety Cable

STYLE WC for hose-to-tool service

WS-1	1/2" - 1 1/4"	1/8"	0.17	100
WS-2	1 1/2" - 3"	1/4"	0.95	50



2 Bolt Type Hose Clamps

Part Number	Size	Weight Each	Torque	Std. Carton
BC2-050	13/16" - 15/16"	.31	6	100
BC2-050A	15/16" - 1 1/16"	.44	12	100
BC2-050B	1 1/16" - 1 3/16"	.42	12	100
BC2-075	1 5/32" - 1 9/32"	.73	21	60
BC2-075A	1 3/16" - 1 5/16"	.79	21	60
BC2-075B	1 5/16" - 1 1/2"	.88	21	60
BC2-075C	1 1/2" - 1 11/16"	1.15	21	40



4 Bolt Type Hose Clamps

BC4-100	1 17/32" - 1 23/32"	1.50	21	24
BC4-100A	1 13/32" - 1 9/16"	1.54	21	24
BC4-100B	1 5/8" - 1 27/32"	1.68	21	24
BC4-100C	1 7/8" - 2 1/16"	1.90	21	20
BC4-125	2 1/16" - 2 1/4"	2.36	40	20
BC4-150	2" - 2 7/32"	2.40	40	20
BC4-150A	2 3/32" - 2 3/32"	2.16	40	20
BC4-150B	2 1/4" - 2 7/16"	2.78	40	20
BC4-150C	2 15/32" - 2 23/32"	2.67	40	20
BC4-200	2 11/32" - 2 17/32"	3.04	60	20
BC4-200A	2 1/2" - 2 25/32"	2.84	60	20
BC4-200B	2 3/4" - 3 1/16"	3.99	60	16
BC4-200C	3 3/32" - 3 7/16"	3.97	60	14
BC4-250	3 1/2" - 3 15/16"	6.86	150	5
BC4-300	3 1/2" - 3 15/16"	7.45	150	5
BC4-300A	3 13/16" - 4 1/16"	7.89	150	5
BC4-300B	4 1/16" - 4 7/16"	10.19	200	4
BC4-300C	4 1/4" - 4 3/16"	10.30	200	4



6 Bolt Type Hose Clamps

BC6-300A	4 1/4" - 4 13/16"	12.32	150	4
BC6-400A	4 7/8" - 5 9/16"	20.30	200	2
BC6-400B	5 1/8" - 6 3/16"	21.45	200	2



Torque Rating in Ft. lbs. Do Not Lubricate nuts and bolts. Lubricant use may affect torque rating.

All prices and specifications subject to change without notice.

Pin Lug Hose Shank Couplings

Agriculture • Construction

Pin Lug Hose Shank Couplings — Full Sets Aluminum Shank with Brass Swivel Nut

Part Number	Size	Weight Each	Std. Ctn.*
AB150	1 1/2"	0.56	75
AB200	2"	0.88	40
AB250	2 1/2"	1.34	18
AB300	3"	2.70	12
AB400	4"	4.42	10
AB600	6"	8.30	4



NPSM Threads

Pin Lug Hose Shank Couplings — Female Ends † Aluminum Shank with Brass Swivel Nut

ABF150	1 1/2"	0.38	150
ABF200	2"	0.62	80
ABF250	2 1/2"	0.94	36
ABF300	3"	1.66	24
ABF400	4"	2.72	20
ABF600	6"	5.26	8



NPSM Threads

†Includes Aluminum Shank and Brass Swivel Nut with Washer. Available as inventory permits.

Pin Lug Hose Shank Couplings — Male Ends Aluminum Shank

ABM150	1 1/2"	0.18	1
ABM200	2"	0.26	1
ABM250	2 1/2"	0.40	1
ABM300	3"	1.04	1
ABM400	4"	1.70	1
ABM600	6"	3.04	1



NPSM Threads

Fire Hydrant Pin Lug Hose Couplings — Full Sets ‡ Aluminum Shank with Brass Swivel Nut – Pin Lugs on both male and female ends

Part Number	Size	Weight Each	Std. Ctn.*
FHNST150	1 1/2"	0.43	40 Sets
FHNST250	2 1/2"	1.04	12 Sets



NST Threads

Replacement Rubber Washers for Fire Hydrant Pin Lug Hose Couplings ONLY

FHW150	1 1/2"	0.0080	10
FHW250	2 1/2"	0.0168	10



Replacement Rubber Washers for Pin Lug Hose Shank Couplings ONLY

HW150	1 1/2"	0.0080	25
HW200	2"	0.0120	25
HW250	2 1/2"	0.0168	25
HW300	3"	0.0312	25
HW400	4"	0.0504	25
HW600	6"	0.0940	10



Note: Replacement washers sold in standard package quantities only.

“Heavy Duty” Forged Brass Fittings

Agriculture • Construction



“Heavy Duty” Forged Brass Fitting Sets †

Part Number	Size	Thread Type	Shank Length	Weight per Set	Master Carton Qty.
BRGHT050	1/2"	GHT	1.18"	.25	180 SETS
BRGHT062	5/8"	GHT	1.18"	.25	180 SETS
BRGHT075	3/4"	GHT	1.18"	.25	180 SETS
BRNPS100	1"	NPS	1.46"	.49	120 SETS

† Sold in multiples of 10 sets only. Master cartons contain smaller packages, each of which contains 10 sets.



“Heavy Duty” Forged Brass Fitting Female Ends ‡

Part Number	Size	Thread Type	Shank Length	Weight per Set	Master Carton Qty.
BRGHT-FEM050	1/2"	GHT	1.18"	.12	360 PCS
BRGHT-FEM062	5/8"	GHT	1.18"	.12	360 PCS
BRGHT-FEM075	3/4"	GHT	1.18"	.12	360 PCS
BRNPS-FEM100	1"	NPS	1.46"	.25	240 PCS

‡ Sold in multiples of 20 pieces only. Master cartons contain smaller packages, each of which contains 20 pieces.

All prices and specifications subject to change without notice.

Hex Combination Hose Nipples

Agriculture • Construction

Hex Combination Hose Nipples — STN Series (Plain Steel) / NPT Thread



Part Number	Size	Weight Each	Standard Carton
HEX-STN050	1/2"	0.14	25
HEX-STN075	3/4"	0.22	25
HEX-STN100	1"	0.32	50
HEX-STN125	1 1/4"	0.50	20

Hex Combination Hose Nipples — SPN Series (Plated Steel) / NPT Thread



Part Number	Size	Weight Each	Standard Carton
HEX-SPN050	1/2"	0.14	25
HEX-SPN075	3/4"	0.20	25
HEX-SPN100	1"	0.32	50
HEX-SPN125	1 1/4"	0.56	20

Combination Hose Nipples

Agriculture • Construction

Combination Hose Nipples — STN Series (Plain Steel) / NPT Thread



Part Number	Size	Weight Each	Standard Carton
STN050	1/2"	0.14	25
STN075	3/4"	0.22	25
STN100	1"	0.32	50
STN125	1 1/4"	0.50	20
STN150	1 1/2"	0.70	10
STN200	2"	1.04	40
STN250	2 1/2"	1.16	20
STN300	3"	2.18	12
STN400	4"	3.22	8
STN500	5"	4.12	4
STN600	6"	12.18	4

Combination Hose Nipples — SPN Series (Plated Steel) / NPT Thread



Part Number	Size	Weight Each	Standard Carton
SPN050	1/2"	0.14	25
SPN075	3/4"	0.20	25
SPN100	1"	0.32	50
SPN125	1 1/4"	0.56	20
SPN150	1 1/2"	0.72	10
SPN200	2"	1.10	40
SPN250	2 1/2"	1.74	20
SPN300	3"	2.14	12
SPN400	4"	3.06	8
SPN600	6"	12.24	4
SPN800	8"	16.44	2
SPN1000	10"	21.78	1
SPN1200	12"	33.18	1

Steel Hose Menders (Zinc Plated)

Part Number	Size	Weight Each	Standard Carton
SPHM050	1/2"	0.10	100
SPHM062	5/8"	0.10	100
SPHM075	3/4"	0.20	100
SPHM100	1"	0.30	50
SPHM125	1 1/4"	0.50	50
SPHM150	1 1/2"	0.50	40
SPHM200	2"	0.80	35
SPHM250	2 1/2"	1.70	20
SPHM300	3"	2.40	15
SPHM400	4"	2.90	9
SPHM600	6"	13.20	4
SPHM800	8"	20.90	2

Menders

Agriculture • Construction



All prices and specifications subject to change without notice.

Strainers and Skimmers

Agriculture • Construction

Plated Steel Strainers & Skimmers with standard straight pipe threads (NPSM)

Long Round Hole Steel Strainer

Part Number	Size	Weight Each	Standard Carton
LHS150	1½"	0.75	30
LHS200	2"	0.94	25
LHS300	3"	2.00	16



Top Hole Steel Strainer/Skimmer

Part Number	Size	Weight Each	Standard Carton
THS150	1½"	1.64	25
THS200	2"	2.00	25
THS300	3"	2.68	15



Round Hole Steel Strainer

Part Number	Size	Weight Each	Standard Carton
RHS150	1½"	1.36	32
RHS200	2"	1.78	18
RHS250	2 ½"	2.02	18
RHS300	3"	3.08	18
RHS400	4"	2.90	18
RHS600	6"	6.04	6
RHS800	8"	7.34	4



Steel Bottom Hole Skimmer

Part Number	Size	Weight Each	Standard Carton
BHS150	1½"	1.64	20
BHS200	2"	2.00	20
BHS300	3"	2.68	15



Polypropylene Strainer with Standard Straight Pipe Threads (NPSM)

Polypropylene Strainers

Part Number	Size	Weight Each	Standard Carton
PPS150	1½"	0.25	12
PPS200	2"	0.30	18
PPS300	3"	0.65	12



Square Hole Steel Strainer

Part Number	Size	Weight Each	Standard Carton
SHS150	1½"	1.12	32
SHS200	2"	1.74	18
SHS300	3"	2.50	18
SHS400	4"	2.52	18
SHS600	6"	6.32	6



Hose and Tubing Cutter

Kuri-Cutter Hose & Tubing Cutter

Part Number	Approx. Net Wt. per Pkg. (lbs.)
Kuri-Cutter	N/A



All prices and specifications subject to change without notice.



IRRI-LOC™ (Bauer Type) Galvanized Couplings

Agriculture, Irrigation, Construction

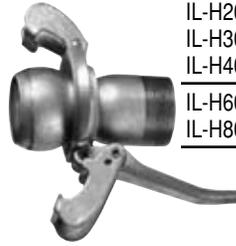
Female Shank with EPDM Gasket

Part Number	Size	Weight Each	Standard Carton
IL-A200	2"	0.84	16
IL-A300	3"	1.32	16
IL-A400	4"	3.56	4
IL-A600	6"	5.90	4
IL-A800	8"	11.55	1



Male End with Locking Lever and Male NPT Thread

Part Number	Size	Weight Each	Standard Carton
IL-H200	2"	1.96	9
IL-H300	3"	3.92	6
IL-H400	4"	7.50	4
IL-H600	6"	13.95	2
IL-H800	8"	19.60	1



Male Shank Only

Part Number	Size	Weight Each	Standard Carton
IL-B200	2"	0.86	16
IL-B300	3"	1.32	16
IL-B400	4"	3.74	4
IL-B600	6"	5.57	4
IL-B800	8"	10.45	1



EPDM Gasket

Part Number	Size	Weight Each	Standard Carton
IL-J200	2"	0.04	40
IL-J300	3"	0.13	40
IL-J400	4"	0.22	30
IL-J600	6"	0.53	10
IL-J800	8"	0.66	10



Locking Lever

Part Number	Size	Weight Each	Standard Carton
IL-C200	2"	1.03	16
IL-C300	3"	2.42	12
IL-C400	4"	4.07	6
IL-C600	6"	8.51	4
IL-C800	8"	9.15	1



Female End with EPDM Gasket and Male NPT Thread

Part Number	Size	Weight Each	Standard Carton
IL-F200	2"	0.90	16
IL-F300	3"	1.61	16
IL-F400	4"	3.39	4
IL-F600	6"	5.90	4
IL-F800	8"	11.55	1



Safety Clip

Part Number	Size	Weight Each	Standard Carton
IL-K200	2"	0.03	100
IL-K300	3"	0.03	100
IL-K400	4"	0.06	60
IL-K600	6"	0.06	60
IL-K800	8"	0.08	20



- All parts are Hot Dipped Galvanized for better corrosion protection.
- EPDM gaskets are included as standard.
- Each locking lever coupling is provided with holes for use with safety clips. Safety clips should be used at all times to prevent accidental separation of parts while in service.
- Ideal for use in suction applications in the agricultural, irrigation and construction industries. Couplings are not recommended for use in chemical or hazardous material applications.

All prices and specifications subject to change without notice.

Clamps

Construction • Material Handling

TigerClamp™ Zinc Plated Carbon Steel Spiral Double Bolt Clamps (For Counterclockwise Spiral)

Specially designed to fit Tigerflex® PVC suction hose.

Also works well on rubber suction hose



Part Number	Size	Weight Each	Standard Carton
SDBC-1.5	1½"	0.18	100
SDBC-2	2"	0.36	100
SDBC-2.25	2¼"	0.40	100
SDBC-2.5	2½"	0.48	100
SDBC-3	3"	0.66	70
SDBC-3.5	3½"	0.70	70
SDBC-4	4"	1.02	40
SDBC-5	5"	1.76	30
SDBC-6	6"	2.00	20
SDBC-8	8"	2.76	10
SDBC-10	10"	3.46	10
SDBC-12	12"	4.14	10

Zinc Plated Ductile Iron Double Bolt Hose Clamps



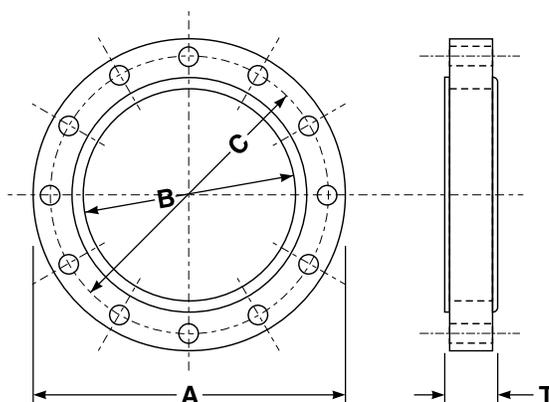
Part Number	Size	Weight Each	Standard Carton
DB76	2 ³ / ₈ " – 3 ¹ / ₆₄ "	0.73	10
DB94	3 ¹ / ₃₂ " – 3 ¹¹ / ₁₆ "	1.30	10
DB400	3½" – 4"	1.54	10
DB463	4 ¹ / ₁₆ " – 4 ⁷ / ₁₆ "	1.79	10
DB525	4 ³ / ₁₆ " – 5"	2.27	10
DB550	5" – 5½"	2.14	10
DB600	5½" – 6 ¹ / ₁₆ "	2.98	10
DB675	6 ¹ / ₈ " – 6 ⁷ / ₈ "	2.65	10
DB769	6 ¹⁵ / ₁₆ " – 7 ⁵ / ₈ "	3.81	10
DB818	7 ¹¹ / ₁₆ " – 8 ³ / ₁₆ "	5.11	10
DB875	8 ¹ / ₄ " – 8 ⁷ / ₈ "	5.64	10
DB988	8 ¹⁵ / ₁₆ " – 9 ⁷ / ₈ "	6.15	10
DB1125	9 ¹⁵ / ₁₆ " – 11 ³ / ₈ "	9.61	4
DB1275	11 ³ / ₁₆ " – 13"	9.48	4
DB1360	12 ³ / ₁₆ " – 14"	15.43	4

All prices and specifications subject to change without notice.

Forged "Plate-Style" Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Carbon Steel Forged



150# Carbon Steel Forged Plate-Style Flanges

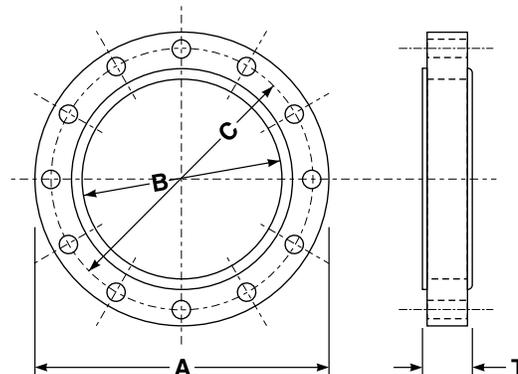
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight per Set
1/2"	CSPF0050	3 1/2"	1/2"	.77"	4	5/8"	2 3/8"	1.12
3/4"	CSPF0075	3 7/8"	1/2"	1.10"	4	5/8"	2 3/4"	1.36
1"	CSPF0100	4 1/4"	1/2"	1.36"	4	5/8"	3 1/8"	1.58
1 1/4"	CSPF0125	4 5/8"	1/2"	1.70"	4	5/8"	3 1/2"	1.93
1 1/2"	CSPF0150	5"	5/8"	1.95"	4	5/8"	3 7/8"	2.70
2"	CSPF0200	6"	5/8"	2.44"	4	3/4"	4 3/4"	4.10
2 1/2"	CSPF0250	7"	5/8"	2.94"	4	3/4"	5 1/2"	5.35
3"	CSPF0300	7 1/2"	5/8"	3.57"	4	3/4"	6"	5.80
4"	CSPF0400	9"	5/8"	4.57"	8	3/4"	7 1/2"	8.00
5"	CSPF0500	10"	3/4"	5.66"	8	7/8"	8 1/2"	10.37
6"	CSPF0600	11"	3/4"	6.72"	8	7/8"	9 1/2"	11.76
8"	CSPF0800	13 1/2"	1"	8.72"	8	7/8"	11 3/4"	22.48
10"	CSPF1000	16"	1"	10.88"	12	1"	14 1/4"	26.83
12"	CSPF1200	19"	1"	12.88"	12	1"	17"	42.30
14"	CSPF1400	21"	1"	14.14"	12	1 1/8"	18 3/4"	52.50
16"	CSPF1600	23 1/2"	1 1/4"	16.16"	16	1 1/8"	21 1/4"	64.00
18"	CSPF1800	25 1/8"	1 1/4"	18.15"	16	1 1/4"	23"	72.00

All prices and specifications subject to change without notice.

Forged "Plate-Style" Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Stainless Steel Forged



150# Stainless Steel Forged Plate-Style Flanges

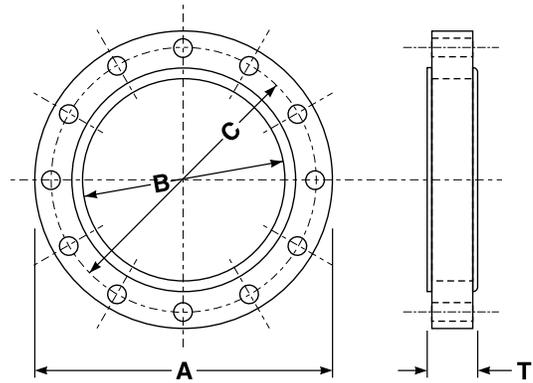
Nom. Size	Type 304		Type 316		"A" O.D.	"T" Thickness	"B" Bore	No. of Bolts	Dia. of Bolts	"C" Circle	Weight per Set
	Part Number		Part Number								
1/2"	SSPF3040050		SSPF3160050		3 1/2"	1/2"	.77"	4	5/8"	2 3/8"	1.12
3/4"	SSPF3040075		SSPF3160075		3 7/8"	1/2"	1.10"	4	5/8"	2 3/4"	1.36
1"	SSPF3040100		SSPF3160100		4 1/4"	1/2"	1.36"	4	5/8"	3 1/8"	1.66
1 1/4"	SSPF3040125		SSPF3160125		4 5/8"	1/2"	1.70"	4	5/8"	3 1/2"	2.00
1 1/2"	SSPF3040150		SSPF3160150		5"	1/2"	1.95"	4	5/8"	3 7/8"	2.24
2"	SSPF3040200		SSPF3160200		6"	1/2"	2.44"	4	3/4"	4 3/4"	3.06
2 1/2"	SSPF3040250		SSPF3160250		7"	1/2"	2.94"	4	3/4"	5 1/2"	4.36
3"	SSPF3040300		SSPF3160300		7 1/2"	1/2"	3.57"	4	3/4"	6"	4.72
4"	SSPF3040400		SSPF3160400		9"	1/2"	4.57"	8	3/4"	7 1/2"	6.36
5"	SSPF3040500		SSPF3160500		10"	1/2"	5.66"	8	7/8"	8 1/2"	7.08
6"	SSPF3040600		SSPF3160600		11"	1/2"	6.72"	8	7/8"	9 1/2"	7.64
8"	SSPF3040800		SSPF3160800		13 1/2"	1/2"	8.72"	8	7/8"	11 3/4"	11.44
10"	SSPF3041000		SSPF3161000		16"	1/2"	10.88"	12	1"	14 1/4"	13.36
12"	SSPF3041200		SSPF3161200		19"	1/2"	12.88"	12	1"	17"	21.00
14"	SSPF3041400		SSPF3161400		21"	1/2"	14.14"	12	1 1/8"	18 3/4"	27.83
16"	SSPF3041600		SSPF3161600		23 1/2"	1/2"	16.16"	16	1 1/8"	21 1/4"	30.00
18"	SSPF3041800		SSPF3161800		25 1/8"	1/2"	18.15"	16	1 1/4"	23"	33.00

All prices and specifications subject to change without notice.

Forged Threaded Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Carbon Steel Forged ANSI B16.5 & ASTM A-105



150# Carbon Steel Forged Threaded Flanges

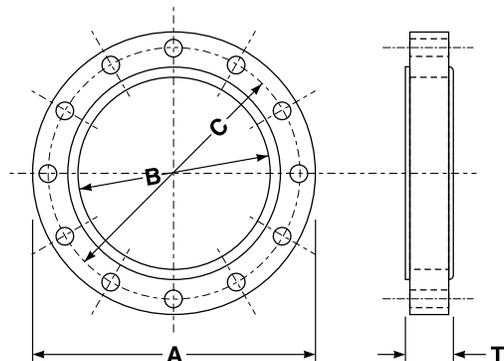
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight per Set
1/2"	CSRFTHD1500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
3/4"	CSRFTHD1500075	3 7/8"	5/8"	1.09"	4	5/8"	2 3/4"	1.98
1"	CSRFTHD1500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	CSRFTHD1500125	4 5/8"	7/8"	1.70"	4	5/8"	3 1/2"	3.09
1 1/2"	CSRFTHD1500150	5"	7/8"	1.95"	4	5/8"	3 7/8"	3.60
2"	CSRFTHD1500200	6"	1"	2.44"	4	3/4"	4 3/4"	5.07
2 1/2"	CSRFTHD1500250	7"	1 1/8"	2.94"	4	3/4"	5 1/2"	7.05
3"	CSRFTHD1500300	7 1/2"	1 1/4"	3.57"	4	3/4"	6"	7.94
4"	CSRFTHD1500400	9"	1 3/8"	4.57"	8	3/4"	7 1/2"	13.01
5"	CSRFTHD1500500	10"	1 3/8"	5.66"	8	7/8"	8 1/2"	14.99
6"	CSRFTHD1500600	11"	1 1/2"	6.72"	8	7/8"	9 1/2"	18.74
8"	CSRFTHD1500800	13 1/2"	1 3/4"	8.72"	8	7/8"	11 3/4"	29.98
10"	CSRFTHD1501000	16"	2"	10.88"	12	1"	14 1/4"	42.99
12"	CSRFTHD1501200	19"	2 1/8"	12.88"	12	1"	17"	63.93
14"	CSRFTHD1501400	21"	2 1/4"	14.14"	12	1 1/8"	18 3/4"	90.39
16"	CSRFTHD1501600	23 1/2"	2 1/2"	16.16"	16	1 1/8"	21 1/4"	127.31
18"	CSRFTHD1501800	25"	2 5/8"	18.18"	16	1 1/4"	22 3/4"	179.31

All prices and specifications subject to change without notice.

Forged Raised Face Slip-On Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Carbon Steel Forged ANSI B16.5 & ASTM A-105



150# Carbon Steel Forged Plate-Style Flanges

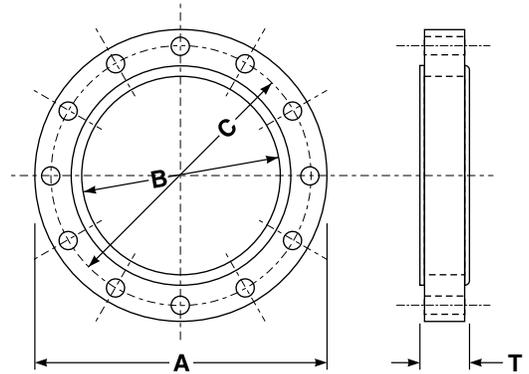
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight per Set
1/2"	CSRF1500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
3/4"	CSRF1500075	3 7/8"	5/8"	1.09"	4	5/8"	2 3/4"	1.98
1"	CSRF1500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	CSRF1500125	4 5/8"	7/8"	1.70"	4	5/8"	3 1/2"	3.09
1 1/2"	CSRF1500150	5"	7/8"	1.95"	4	5/8"	3 7/8"	3.60
2"	CSRF1500200	6"	1"	2.44"	4	3/4"	4 3/4"	5.07
2 1/2"	CSRF1500250	7"	1 1/8"	2.94"	4	3/4"	5 1/2"	7.05
3"	CSRF1500300	7 1/2"	1 1/4"	3.57"	4	3/4"	6"	7.94
4"	CSRF1500400	9"	1 3/8"	4.57"	8	3/4"	7 1/2"	13.01
5"	CSRF1500500	10"	1 3/8"	5.66"	8	7/8"	8 1/2"	14.99
6"	CSRF1500600	11"	1 1/2"	6.72"	8	7/8"	9 1/2"	18.74
8"	CSRF1500800	13 1/2"	1 3/4"	8.72"	8	7/8"	11 3/4"	29.98
10"	CSRF1501000	16"	2"	10.88"	12	1"	14 1/4"	42.99
12"	CSRF1501200	19"	2 1/8"	12.88"	12	1"	17"	63.93
14"	CSRF1501400	21"	2 1/4"	14.14"	12	1 1/8"	18 3/4"	90.39
16"	CSRF1501600	23 1/2"	2 1/2"	16.16"	16	1 1/8"	21 1/4"	127.31
18"	CSRF1501800	25"	2 5/8"	18.18"	16	1 1/4"	22 3/4"	179.31

All prices and specifications subject to change without notice.

Forged Raised Face Slip-On Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Stainless Steel Forged ANSI B16.5 & ASTM A-105



150# Stainless Steel Forged Plate-Style Flanges

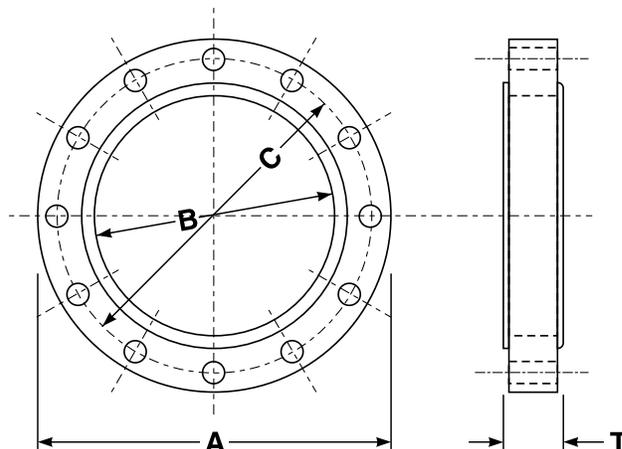
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight per Set
1/2"	SSRF3041500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
3/4"	SSRF3041500075	3 7/8"	5/8"	1.09"	4	5/8"	2 3/4"	1.98
1"	SSRF3041500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	SSRF3041500125	4 5/8"	7/8"	1.70"	4	5/8"	3 1/2"	3.09
1 1/2"	SSRF3041500150	5"	7/8"	1.95"	4	5/8"	3 7/8"	3.60
2"	SSRF3041500200	6"	1"	2.44"	4	3/4"	4 3/4"	5.07
2 1/2"	SSRF3041500250	7"	1 1/8"	2.94"	4	3/4"	5 1/2"	7.05
3"	SSRF3041500300	7 1/2"	1 1/4"	3.57"	4	3/4"	6"	7.94
4"	SSRF3041500400	9"	1 3/8"	4.57"	8	3/4"	7 1/2"	13.01
5"	SSRF3041500500	10"	1 3/8"	5.66"	8	7/8"	8 1/2"	14.99
6"	SSRF3041500600	11"	1 1/2"	6.72"	8	7/8"	9 1/2"	18.74
8"	SSRF3041500800	13 1/2"	1 3/4"	8.72"	8	7/8"	11 3/4"	29.98
10"	SSRF3041501000	16"	2"	10.88"	12	1"	14 1/4"	42.99
12"	SSRF3041501200	19"	2 1/8"	12.88"	12	1"	17"	63.93
14"	SSRF3041501400	21"	2 1/4"	14.14"	12	1 1/8"	18 3/4"	90.39
16"	SSRF3041501600	23 1/2"	2 1/2"	16.16"	16	1 1/8"	21 1/4"	127.31
18"	SSRF3041501800	25"	2 5/8"	18.18"	16	1 1/4"	22 3/4"	179.31

All prices and specifications subject to change without notice.

Forged Raised Face Slip-On Flanges

Chemicals/Petroleum • Construction • Material Handling

300# Carbon Steel Forged ANSI B16.5 & ASTM A-105



300# Carbon Steel Forged Face Slip-On Flanges

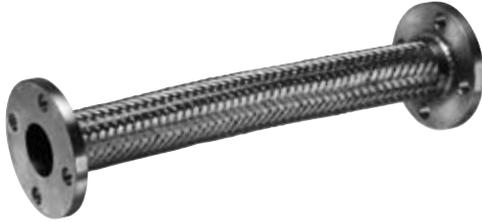
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight per Set
1/2"	CSRF3000050	3 3/4"	7/8"	0.88"	4	5/8"	2 5/8"	1.92
3/4"	CSRF3000075	4 5/8"	1"	1.09"	4	3/4"	3 1/4"	2.53
1"	CSRF3000100	4 7/8"	1 1/16"	1.36"	4	3/4"	3 1/2"	3.09
1 1/4"	CSRF3000125	5 1/4"	1 1/16"	1.70"	4	3/4"	3 7/8"	3.56
1 1/2"	CSRF3000150	6 1/8"	1 3/16"	1.95"	4	7/8"	4 1/2"	5.01
2"	CSRF3000200	6 1/2"	1 5/16"	2.44"	8	3/4"	5"	7.05
2 1/2"	CSRF3000250	7 1/2"	1 1/2"	2.94"	8	7/8"	5 7/8"	9.92
3"	CSRF3000300	8 1/4"	1 11/16"	3.57"	8	7/8"	6 5/8"	13.01
4"	CSRF3000400	10"	1 7/8"	4.57"	8	7/8"	7 7/8"	22.05
5"	CSRF3000500	11"	2"	5.66"	8	7/8"	9 1/4"	28.00
6"	CSRF3000600	12 1/2"	1 1/16"	6.72"	12	7/8"	10 5/8"	39.02
8"	CSRF3000800	15"	2 7/16"	8.72"	12	1"	13"	57.98
10"	CSRF3001000	17 1/2"	2 5/8"	10.88"	16	1 1/8"	15 1/4"	80.91
12"	CSRF3001200	20 1/2"	2 7/8"	12.88"	16	1 1/4"	17 3/4"	115.08
14"	CSRF3001400	23"	3"	14.14"	20	1 1/4"	20 1/4"	162.08
16"	CSRF3001600	25 1/2"	3 1/4"	16.16"	20	1 3/8"	22 1/2"	228.28
18"	CSRF3001800	28"	3 1/2"	18.18"	24	1 3/8"	24 3/4"	321.52

All prices and specifications subject to change without notice.

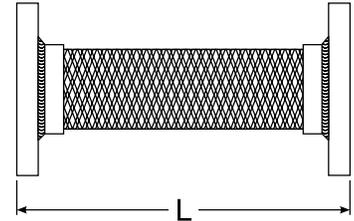
Flexible Pump Connectors

Agriculture • Chemicals/Petroleum • Construction • Material Handling

HTIF Series Flanged Flexible Pump Connectors



Construction — Stainless steel hose and single braid.
Carbon steel 150# forged flange end connections.



HTIF Series Standard Length Flanged Pump Connectors

Part Number	I.D. (In.)	"L" Overall Length (In.)	Live Length (In.)	Fitting Length Each End	Working Pressure PSI @ 70° F.	Weight per Unit (Approx. lbs.)
HTIF 20X9	2"	9"	6 7/8"	5/8"	400	11
HTIF 25x9	2 1/2"	9"	6 7/8"	5/8"	285	14
HTIF 30x9	3"	9"	6 7/8"	5/8"	240	15
HTIF 40x9	4"	9"	6 3/8"	5/8"	260	22
HTIF 50x11	5"	11"	8 1/4"	3/4"	220	29
HTIF 60x11	6"	11"	8 1/4"	3/4"	200	36
HTIF 80x12	8"	12"	9"	1"	190	60
HTIF 10x13	10"	13"	10"	1"	165	85
HTIF 12x14	12"	14"	11"	1"	125	120

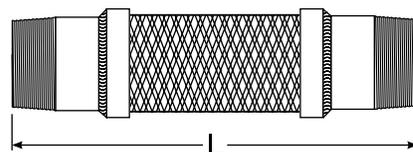
The current Hose Tec® HTIF & HTIM Series Flexible Pump Connectors will be available at KOA warehouses at their current list prices until our present inventoried stock is depleted. Due to the specialized nature of fabricated pump connectors, future inquiries for these products should be directed to Hose Technology, Inc. via phone at (800) 878-5501, via fax at (800) 879-8232, or via e-mail at: sales@hosetec.com

All prices and specifications subject to change without notice.

Flexible Pump Connectors

Agriculture • Chemicals/Petroleum • Construction • Material Handling

HTIM Series MNPT Flexible Pump Connectors



Construction — Stainless steel hose and single braid.
Carbon steel Schedule 40 male NPT end connections.

HTIM Series Standard Length MNPT Pump Connectors

Part Number	I.D. (In.)	"L" Overall Length (In.)	Live Length (In.)	Fitting Length Each End	Working Pressure PSI @ 70° F.	Weight per Unit (Approx. lbs.)
HTIM 50	1/2"	6 1/2"	2 1/4"	1 1/2"	1125	0.6
HTIM 75	3/4"	7"	2 1/4"	1 1/2"	760	0.8
HTIM 100	1"	8"	3"	1 3/4"	525	1.0
HTIM 125	1 1/4"	8 1/2"	3"	2"	490	1.5
HTIM 150	1 1/2"	9"	3 1/2"	2"	450	2.0
HTIM 200	2"	10 1/2"	4 1/2"	2 1/4"	400	2.7
HTIM 250	2 1/2"	12"	5 1/2"	2 1/2"	285	4.0
HTIM 300	3"	14"	6"	3"	240	6.0
HTIM 400	4"	16"	8"	3"	200	9.0

The current Hose Tec® HTIF & HTIM Series Flexible Pump Connectors will be available at KOA warehouses at their current list prices until our present inventoried stock is depleted. Due to the specialized nature of fabricated pump connectors, future inquiries for these products should be directed to Hose Technology, Inc. via phone at (800) 878-5501, via fax at (800) 879-8232, or via e-mail at: sales@hosetec.com

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Flanged Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTSRF Series Single Sphere Flanged Rubber Expansion Joints



HTSRF Series Single Sphere Flanged Rubber Expansion Joint

Part No.	Diameter		"L" In.	Allowable Movement				Operating Condition			Weight Each (lbs.)
	In.	mm		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Max. Pressure PSIG	Max. Temp. ° F.	Vacuum Rating HG In.	
HTSRF 12X6	1 1/4"	32	6"	1/2"	3/8"	1/2"	15°	225	220	16	5.0
HTSRF 15X6	1 1/2"	40	6"	1/2"	3/8"	1/2"	15°	225	220	16	6.1
HTSRF 20X6	2"	50	6"	1/2"	3/8"	1/2"	15°	225	220	16	8.9
HTSRF 25X6	2 1/2"	65	6"	1/2"	3/8"	1/2"	15°	225	220	16	12.3
HTSRF 30X6	3"	80	6"	1/2"	3/8"	1/2"	15°	225	220	16	14.0
HTSRF 40X6	4"	100	6"	5/8"	3/8"	1/2"	15°	225	220	16	18.3
HTSRF 50X6	5"	125	6"	5/8"	3/8"	1/2"	15°	225	220	16	22.8
HTSRF 60X6	6"	150	6"	5/8"	3/8"	1/2"	15°	225	220	16	26.8
HTSRF 80X6	8"	200	6"	5/8"	3/8"	1/2"	15°	225	220	16	40.6
HTSRF 100X8	10"	250	8"	3/4"	1/2"	3/4"	15°	225	220	16	56.6
HTSRF 120X8	12"	300	8"	3/4"	1/2"	3/4"	15°	225	220	16	83.0
HTSRF 140X8	14"	350	8"	3/4"	1/2"	3/4"	15°	140	220	16	115.0
HTSRF 160X8	16"	400	8"	3/4"	1/2"	3/4"	15°	140	220	16	165.0
HTSRF 180X8	18"	450	8"	3/4"	1/2"	3/4"	15°	125	220	16	168.0
HTSRF 200X8	20"	500	8"	3/4"	1/2"	3/4"	15°	125	220	16	170.0

All prices and specifications subject to change without notice.

Flanged Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTDRF Series

Double Sphere Flanged Rubber Expansion Joints



HTDRF Series Double Sphere Flanged Rubber Expansion Joint

Part No.	Diameter		"L" In.	Allowable Movement				Operating Condition			Weight Each (lbs.)
	In.	mm		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Max. Pressure PSIG	Max. Temp. ° F.	Vacuum Rating HG In.	
HTDRF 12X7	1 1/4"	32	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	5.3
HTDRF 15X7	1 1/2"	40	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	6.8
HTDRF 20X7	2"	50	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	9.0
HTDRF 25X7	2 1/2"	65	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	13.3
HTDRF 30X7	3"	80	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	14.3
HTDRF 40X9	4"	100	9"	2 1/4"	1 1/2"	1 3/4"	35°	150	220	16	20.3
HTDRF 50X9	5"	125	9"	2 1/4"	1 1/2"	1 3/4"	35°	150	220	16	24.5
HTDRF 60X9	6"	150	9"	2 1/4"	1 1/2"	1 3/4"	35°	150	220	16	29.5
HTDRF 80X13	8"	200	13"	2 1/2"	1 1/2"	1 3/4"	30°	150	220	16	43.8
HTDRF 100X13	10"	250	13"	2 1/2"	1 1/2"	1 3/4"	30°	150	220	16	64.1
HTDRF 120X13	12"	300	13"	2 1/2"	1 1/2"	1 3/4"	30°	150	220	16	95.0

Note: Retention rings are supplied with all Double Sphere Flanged Expansion Joints.

All prices and specifications subject to change without notice.

Threaded Union Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTDRU Series Threaded Union Rubber Expansion Joint



HTDRU Series Threaded Union Rubber Expansion Joint

Part No.	Diameter		"L" In.	Allowable Movement				Operating Condition			Weight Each (lbs.)
	In.	mm		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Max. Pressure PSIG	Max. Temp. ° F.	Vacuum Rating HG In.	
HTDRU 75	3/4"	20	8"	7/8"	1/4"	7/8"	45°	150	240	16	1.8
HTDRU 100	1"	25	8"	7/8"	1/4"	7/8"	45°	150	240	16	2.75
HTDRU 125	1 1/4"	32	8"	7/8"	1/4"	7/8"	45°	150	240	16	3.5
HTDRU 150	1 1/2"	40	8"	7/8"	1/4"	7/8"	45°	150	240	16	4.0
HTDRU 200	2"	50	8"	7/8"	1/4"	7/8"	45°	150	240	16	5.0

All prices and specifications subject to change without notice.

Chemical Resistance Guide

Ratings: E = Excellent; G = Good; F = Fair; A = Acceptable; X = Not Recommended; – = Contact Factory

CAUTION: This data has been compiled from generally available sources and should not be relied upon without consulting the manufacturer regarding specific applications and coupling materials.

All Ratings are based on 70° F. Chemical compatibility varies greatly with temperature. For applications at temperatures other than 70° F, contact Factory for recommendations.

Chemical Resistance of a material does not necessarily indicate the suitability of a fitting for a given application due to such variables as hose construction, gasket material, and the type and method of attaching clamps.

SPECIAL CAUTION SHOULD BE TAKEN WHEN HANDLING HAZARDOUS MATERIALS.

Chemical							Chemical						
	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene		Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene
Acetate Solvents (Crude)	E	X	E	E	A	X	Barium Sulfide	X	X	G	G	A	A
Acetate Solvents (Pure)	E	E	E	E	A	X	Beer	E	G	E	E	A	A
Acetic Acid (80%)	F	X	E	E	X	X	Benzaldehyde	G	G	G	G	X	X
Acetic Acid (50%)	G	X	G	E	X	X	Benzene, Benzol	E	G	G	G	A	X
Acetic Acid (20%)	G	X	G	E	X	X	Benzine	–	–	–	–	A	X
Acetic Acid (10%)	G	X	E	E	X	X	Benzoic Acid	G	G	G	G	X	X
Acetic Anhydride	G	X	G	G	X	X	Black Liquor	X	X	G	G	X	A
Acetone	E	G	E	E	A	X	Bleach (12.5% Active Chlorine)	X	–	–	X	X	A
Acetylene	E	X	E	E	X	X	Borax	X	G	E	E	X	A
Alcohol, Amyl	G	G	G	G	A	A	Boric Acid	E	X	–	–	X	A
Alcohol, Benzyl	G	G	E	E	X	A	Brine Acid	–	G	–	–	X	A
Alcohol, Butyl	E	G	E	E	A	A	Bromic Acid	X	X	–	–	X	A
Alcohol, Diacetone	E	E	G	G	X	A	Bromine Liquid	G	–	X	X	X	X
Alcohol, Ethyl	E	G	G	G	X	A	Butadiene, Butylene	G	G	G	G	X	X
Alcohol, Hexyl	–	–	–	–	A	–	Butane	G	G	G	G	X	X
Alcohol, Isobutyl	–	–	–	–	A	–	Butyl Acetate	E	G	G	G	A	X
Alcohol, Isopropyl	G	G	G	G	A	A	Butyric Acid	G	G	G	G	A	A
Alcohol, Methyl (Methanol)	G	G	G	G	A	A	Calcium Bisulfate	X	–	X	G	X	A
Alcohol, Octyl	–	–	–	–	A	–	Calcium Bisulfite	–	–	–	G	A	A
Alcohol, Propyl	G	G	E	E	X	A	Calcium Bisulfite	X	X	–	G	X	A
Aluminum Chloride (Aqu.)	X	X	X	X	A	A	Calcium Carbonate	X	G	E	G	A	A
Aluminum Fluoride (Sat.)	G	–	X	G	X	A	Calcium Chloride (Sat.)	–	G	–	–	A	A
Aluminum Nitrate (Sat.)	F	X	G	G	A	A	Calcium Hydroxide (Sat.)	X	G	G	G	A	A
Aluminum Potassium Sulfate (Alum)	G	G	X	G	X	A	Calcium Hypochlorite (Sat.)	X	X	X	G	X	A
Aluminum Sulfate (Sat.)	X	X	–	G	A	A	Carbon Bisulfide	E	X	G	G	A	X
Ammonia Anhydrous	E	X	G	E	A	X	Carbon Dioxide (Dry)	E	E	G	G	A	A
Ammonia Gas	X	X	E	E	A	X	Carbon Dioxide (Wet)	E	X	G	G	X	A
Ammonia Nitrate	–	–	–	–	X	–	Carbon Disulfide	E	X	G	G	A	X
Ammonium Bifluoride	–	X	–	–	X	A	Carbon Monoxide	E	E	E	E	A	A
Ammonium Carbonate (Sat.)	G	X	G	G	A	A	Carbon Tetrachloride	X	–	E	–	A	X
Ammonium Casenate	–	–	–	–	A	–	Carbonic Acid	E	G	G	G	X	A
Ammonium Chloride (Sat.)	X	X	X	X	A	A	Castor Oil	G	G	G	G	X	A
Ammonium Hydroxide (Sat.)	G	X	G	G	A	A	Caustic Potash	X	–	–	G	A	A
Ammonium Nitrate	G	X	–	–	A	A	Cellosolves	G	G	G	G	X	A
Ammonium Phosphate (10-40%)	X	X	E	G	A	A	Chlorine (Liquid)	–	–	–	F	X	X
Ammonium Sulfate (10-40%)	X	X	X	G	A	A	Chloroform	–	–	–	–	X	X
Aniline	–	X	E	E	X	X	Chlorosulfonic Acid	–	X	X	X	X	X
Arsenic Acid	X	X	G	G	X	A	Clorox (Bleach, 5.5% CL)	X	–	–	G	X	–
Asphalt	–	–	–	G	X	X	Chromic Acid (50%)	G	X	F	–	X	X
Barium Carbonate (Sat.)	X	G	G	G	A	A	Citric Acid	F	X	–	–	X	A
Barium Chloride (Sat.)	–	G	X	–	A	A	Coke Oven Gas	G	F	G	G	X	X
Barium Hydroxide (Sat.)	X	G	G	G	A	A	Copper Chloride	X	X	X	X	A	A
Barium Sulfate	G	G	G	G	A	A	Copper Cyanide	X	X	G	G	X	–
							Copper Sulfate	X	X	–	G	A	A
							Crylyic Acid (Conc.)	G	G	G	G	X	X

All prices and specifications subject to change without notice.

Chemical Resistance Guide

Ratings: E = Excellent; G = Good; F = Fair; A = Acceptable; X = Not Recommended; – = Contact Factory

Chemical							Chemical						
	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene		Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene
Cyclohexane	G	G	G	G	A	X	Ketones	G	G	G	G	A	X
Detergents	G	G	E	G	A	A	Lactic Acid (25%)	F	G	–	–	A	A
Dextrose	G	–	–	–	A	A	Lactic Acid (80%)	G	G	–	–	A	A
Diesel Fuels	E	E	E	E	A	X	Lard Oil	G	–	G	G	A	A
Diethylamine	G	–	G	G	X	A	Lead Acetate	X	X	G	G	X	A
Disodium Phosphate	–	–	–	E	A	A	Lead Chloride	X	–	G	G	X	–
Ethers	G	G	E	E	A	X	Lead Sulfate	X	–	G	G	X	–
Ethyl Acetate	–	–	G	G	A	X	Lime Sulphur	X	X	G	G	X	A
Ethyl Chloride	–	–	–	E	A	X	Linoleic Acid	G	X	G	G	X	A
Ethylene Chloride	–	–	–	–	A	X	Linseed Oil	G	G	G	G	A	A
Ethylene Dichloride	–	G	G	G	A	X	Lubricants (Oil)	G	E	G	G	A	X
Ethylene Glycol	E	G	G	G	A	X	Magnesium Carbonate	G	–	G	G	X	A
Ethylene Oxide	E	X	G	G	X	X	Magnesium Chloride	X	X	–	–	X	A
Fatty Acids	E	F	–	E	A	A	Magnesium Hydroxide	G	G	E	E	X	A
Ferric Chloride	X	X	X	X	X	A	Maanesium Nitrate	G	G	G	G	X	A
Ferric Hydroxide	–	–	E	E	A	–	Magnesium Oxide	–	–	–	–	X	–
Ferric Nitrate (10-50%)	X	X	G	G	X	A	Magnesium Sulfate	G	–	G	G	X	A
Ferric Sulfate	X	X	–	–	X	A	Maleic Acid	–	G	–	G	X	A
Ferrous Chloride (Sat.)	X	X	X	X	X	A	Mercuric Chloride	X	X	X	–	X	A
Ferrous Sulfate	G	G	G	–	X	A	Mercuric Cyanide	X	X	G	G	X	A
Fluoric Acid	X	–	–	–	X	A	Mercury	X	X	E	E	A	A
Formaldehyde (50%)	–	G	E	E	X	A	Methane	E	E	E	E	A	X
Formic Acid (Anhyd.)	E	X	–	–	X	A	Methanol	G	G	G	G	A	A
Freon 11	G	G	G	G	A	X	Methyl Bromide	X	–	G	G	X	X
Freon 12	G	G	G	G	A	X	Methyl Ethyl Ketone	G	G	G	G	A	X
Freon 22	G	G	G	G	A	X	Methyl Isobutyl Ketone	G	G	G	G	A	X
Fruit Juices	G	G	G	G	A	A	Methyl Methacrylate	G	–	G	G	X	A
Fuel Oil	G	G	G	G	A	X	Methylene Chloride	–	G	–	–	A	X
Furfural	G	G	G	G	A	X	Milk	E	X	E	E	A	A
Gasoline, Refined	G	G	G	G	A	X	Mineral Oil	G	E	E	G	A	A
Gasoline, Sour	X	G	G	G	A	X	Muriatic Acid	X	–	X	X	X	A
Gelatin	G	G	G	G	A	A	Napthalene	G	G	E	E	A	A
Glucose	G	G	G	G	A	A	Naptha	G	G	G	G	A	X
Glue	G	G	–	G	–	A	Nickel Chloride	X	X	–	–	X	A
Glycerine	E	E	E	E	A	A	Nickel Sulfate	X	X	G	G	X	A
Glycols	G	G	G	G	A	A	Nitric Acid (100%)	E	X	G	–	X	X
Green Liquor	–	–	–	–	–	A	Nitric Acid (50%)	X	X	G	–	X	X
Heptane	G	G	G	G	A	X	Nitric Acid (30%)	X	X	E	–	X	X
Hexane	G	G	E	E	A	X	Nitrobenzene	E	G	G	G	A	A
Hydrobromic Acid (50%)	X	X	X	X	X	A	Oil, Castor	G	G	G	G	A	A
Hydrobromic Acid (20%)	X	X	X	X	X	A	Oil, Coconut	G	–	G	G	A	A
Hydrochloric Acid (20%)	X	X	X	X	X	A	Oil, Corn	G	G	–	G	A	A
Hydrochloric Acid (38%)	X	X	X	X	X	A	Oil, Cotton Seed	G	G	G	G	A	A
Hydrocyanic Acid	G	X	G	G	X	A	Oil, Fuel	G	G	G	G	A	X
Hydrofluosilicic Acid (10-50%)	X	G	X	G	X	–	Oil, Linseed	G	G	G	G	A	A
Hydrogen Peroxide (50%)	–	X	–	–	X	A	Oil, Mineral	G	E	E	G	A	A
Hydrogen Sulfide (Aqueous)	–	–	X	G	X	A	Oil, Silicon	G	E	G	G	A	A
Hydrogen Chloride (Dry Gas)	X	G	–	–	X	A	Oil, Vegetable	G	G	E	E	A	X
Hydrogen Gas	E	E	E	E	X	A	Oleic-Acid	G	F	–	E	A	X
Hypochlorous Acid	X	X	X	X	X	X	Oleum	G	X	G	G	X	X
Iodine	E	X	X	X	X	A	Oxalic Acid (Sat.)	G	–	X	X	X	A
Isopropyl Ether	–	G	E	G	A	X	Oxygen	G	G	G	G	X	X
Jet Fuel (JP4, JPS)	G	E	G	G	X	X	Palmitic Acid (Sat.)	G	F	G	G	X	A
Kerosene	G	G	G	G	X	X	Paraffin	G	G	G	G	A	A

All prices and specifications subject to change without notice.

Chemical Resistance Guide

Ratings: E = Excellent; G = Good; F = Fair; A = Acceptable; X = Not Recommended; - = Contact Factory

Chemical							Chemical						
	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene		Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene
Perchloroethylene	G	G	-	-	X	X	Sodium Hydroxide (30%)	X	G	E	E	X	A
Petrolatum	G	-	G	G	A	-	Sodium Chloride (30%)	X	G	-	-	X	A
Phenol (Carbolic Acid)	E	E	-	E	X	X	Sodium Hypochlorite	X	X	-	-	X	A
Phosphoric Acid (25-50%)	X	X	-	-	X	A	Sodium Metaphosphate	X	X	G	G	X	X
Phosphoric Acid (50-85%)	X	X	-	-	X	A	Sodium Nitrate (40%)	E	G	E	E	A	A
Photographic Solutions	-	-	E	E	X	X	Sodium Perborate (10%)	G	X	G	G	X	A
Phthalic Anhydride	-	G	E	E	X	X	Sodium Peroxide (10%)	G	X	G	G	X	A
Picric Acid	E	X	G	G	X	-	Sodium Silicate	E	G	G	G	A	A
Plating Solution, Brass	-	-	-	G	X	A	Sodium Sulfate	-	G	-	E	A	A
Plating Solution, Cadmium Plating	-	-	-	G	X	A	Sodium Sulfide (50%)	X	X	-	G	X	A
Plating Solution, Chrome (40%)	X	G	G	G	X	A	Sodium Thiosulphate	G	X	G	G	A	A
Plating Solution, Copper (Cyanide)	-	-	-	-	X	A	Stannic Chloride	X	X	X	X	X	A
Plating Solution, Gold	-	-	-	E	X	A	Stannous Chloride	X	X	X	-	X	X
Plating Solution, Iron	-	-	-	-	X	A	Steam	-	-	-	-	X	-
Plating Solution, Lead	-	-	E	E	X	A	Stearic Acid	G	F	G	E	A	A
Plating Solution, Nickel	-	-	E	E	X	A	Stoddard's Solvent	G	G	G	G	X	A
Plating Solution, Silver	-	-	E	E	X	A	Sugar Liquors (Cane)	E	G	G	G	A	A
Plating Solution, Tin	-	-	-	F	X	A	Sugar Liquors (Beet)	E	G	E	E	A	A
Plating Solution, Zinc	-	-	-	-	X	A	Sulfate Liquors	G	X	-	G	X	A
Potassium Acetate	X	X	-	-	A	A	Sulfite Liquors	X	X	G	G	X	X
Potassium Bicarbonate (30%)	X	G	E	E	A	A	Sulfur Chloride	X	-	-	-	X	X
Potassium Carbonate (50%)	X	G	E	E	A	A	Sulfur Dioxide (Dry)	G	G	-	G	X	A
Potassium Chlorate (30%)	G	X	G	E	X	A	Sulfur Trioxide	G	G	-	G	X	X
Potassium Chloride (30%)	X	X	-	-	A	A	Sulfuric Acid (up to 10%)	X	G	X	X	X	A
Potassium Chromate (30%)	G	G	G	G	X	A	Sulfuric Acid (100%)	X	X	-	-	X	X
Potassium Cyanide Solution (30%)	X	X	G	G	X	A	Sulfurous Acid	G	G	X	-	X	A
Potassium Dichromate (30%)	E	G	E	I	X	A	Tannic Acid	X	-	G	G	X	A
Potassium Hydroxide (90%)	X	X	X	-	X	A	Tanning Liquors	E	-	E	E	X	A
Potassium Nitrate (80%)	E	G	G	G	X	A	Tartaric Acid	-	-	E	E	A	A
Potassium Permanganate (20%)	G	G	G	G	X	A	Titanium Tetrachloride	X	X	-	G	X	X
Potassium Sulfate (10%)	E	G	E	E	A	A	Toluene	E	E	E	E	A	X
Propane	E	E	G	G	X	X	Tetrahydrofuran	X	-	E	G	A	X
Propylene Glycol	G	G	G	G	A	A	Tomato Juice	G	-	G	G	X	A
Propylene Oxide (90%)	-	-	E	E	X	X	Trichloroethylene	E	-	-	-	A	X
Pyridine	G	G	G	G	A	X	Triethanolamine	G	X	G	G	A	X
Pyrogalllic Acid	G	G	G	G	X	X	Triethylamine	-	-	G	G	A	X
Silver Nitrate	X	X	G	E	X	A	Trisodium Phosphate (10%)	X	G	E	E	A	A
Soap Solutions	G	G	G	G	A	A	Turpentine	G	X	E	E	X	X
Sodium Acetate	E	G	G	G	A	A	Urea (50%)	G	-	G	G	A	A
Sodium Bicarbonate (20%)	G	G	E	E	A	A	Urine	-	-	E	E	X	A
Sodium Bisulfate	X	-	-	-	A	A	Vinegar	G	X	G	G	X	A
Sodium Bisulfite	X	G	-	-	A	A	Water Acid (Mine)	X	X	-	-	X	A
Sodium Borate	G	G	G	G	A	A	Water (Distilled)	X	G	G	G	A	A
Sodium Perborate (10%)	G	X	G	G	X	A	Water (Sea)	G	G	G	G	A	A
Sodium Carbonate	X	G	-	G	A	A	Whiskey	X	G	E	E	X	A
Sodium Chlorate (50%)	G	G	G	G	X	A	White Liquor (Pulp)	G	-	G	G	X	A
Sodium Cyanide	X	X	-	-	A	A	Wine	X	G	E	E	X	A
Sodium Dichromate	G	X	G	G	X	A	Xylene	G	G	G	G	A	X
Sodium Hydroxide (70%)	X	X	G	G	X	A	Zinc Chloride	X	X	X	G	A	A
Sodium Hydroxide (50%)	X	X	E	-	X	A	Zinc Nitrate	-	-	G	G	X	A
							Zinc Sulfate (50%)	X	G	E	E	X	A

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Material Specifications & Operating Pressure

Aluminum Quick-Acting Couplings from page 4

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Aluminum	Aluminum alloy, specially designed for high tensile strength, lightness and rigidity.	Forged Brass	Zinc-plated Carbon Steel	Zinc-plated Carbon Steel	Buna-N	Zinc-plated Carbon Steel	1/2" – 4": 150 PSI 5" – 6": 75 PSI 8": 50 PSI

All sizes except 5" and 8" are made to comply with MIL Spec A-A-59326.
 Sizes 5" & 8" comply with ASTM Specifications.
 1/2" X 1/2" are not specified under MIL Specs.

† All 8" couplers supplied with 4 locking handles, safety clips, pull rings and chains at NO CHARGE.

Stainless Steel Type 304 Quick-Acting Couplings from page 7

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Stainless Steel	Stainless Steel Type 304 (ASTM A351 Grade CF-8). Every melt is analyzed for chemical composition. A Chemical Test Certificate showing the general composition is available upon request.	Type 304 Stainless Steel	Type 304 Stainless Steel	Type 304 Stainless Steel	Buna-N	Type 304 Stainless Steel	1/2" – 2": 250 PSI 4": 150 PSI 5" – 6": 75 PSI

All sizes except 5" and 8" are made to comply with MIL Spec A-A-59326.
 Sizes 5" & 8" comply with ASTM Specifications.
 1/2" X 1/2" are not specified under MIL Specs.

Stainless Steel Type 316 Quick-Acting Couplings from page 8

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Stainless Steel	Stainless Steel Type 316 (ASTM A351 Grade CF-8M). Every melt is analyzed for chemical composition. A Chemical Test Certificate showing the general composition is available upon request.	Type 304 Stainless Steel	Type 304 Stainless Steel	Type 304 Stainless Steel	Buna-N	Type 304 Stainless Steel	1/2" – 2": 250 PSI 2 1/2" – 4": 150 PSI 5" – 6": 75 PSI

All sizes except 5" and 8" are made to comply with MIL Spec A-A-59326.
 Sizes 5" & 8" comply with ASTM Specifications.
 1/2" X 1/2" are not specified under MIL Specs.

Brass Quick-Acting Couplings from page 10

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Brass	Brass alloy, specially designed for high tensile strength and rigidity.	Forged Brass	Type 304 Stainless Steel	Type 304 Stainless Steel	Buna-N	Zinc-plated Carbon Steel	1/2" – 4": 150 PSI 5" – 6": 75 PSI

All sizes except 5" are made to comply with MIL Spec A-A-59326.
 5" size complies with ASTM F1122 Specifications.
 1/2" X 1/2" are not specified under MIL Specs.

Polypropylene Quick-Acting Couplings from page 12 - 13

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Polypropylene	Polypropylene is glass-filled for added strength and durability	Type 304 Investment Cast Stainless Steel	Type 304 Stainless Steel	Type 304 Stainless Steel	EPDM	Type 304 Stainless Steel	1/2" – 2": 100 PSI @ 0°F 125 PSI @ 70°F 70 PSI @ 150°F 3" – 4": 75 PSI @ 70°F

NOTE: All parts on this page are fully interchangeable with any other adapters made to MIL Specs.

Glass Reinforced Nylon Quick-Acting Couplings from page 14

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips	Operating Pressure
Glass Reinforced Nylon	Fiberglass-reinforced Nylon, for high tensile strength, light weight and rigidity	Type 304 LTW Stainless Steel	Type 304 Stainless Steel	Type 304 Stainless Steel	EPDM	Type 304 Stainless Steel	1": 175 PSI 1/2" – 2": 150 PSI 3": 125 PSI 4": 75 PSI

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