



Kuriyama - CouplingsTM

Couplings & Accessories



**SEE PAGE 4
FOR
NEW PRODUCTS!**

Index

ALSH Aluminum Quick-Acting Couplings.....	9	Kuri-Clamp™ Center Punch Clamps.....	30, 31
Aluminum Quick-Acting Couplings	5, 6	Kuri-Krimp™ Crimp Sleeves.....	33
Aluminum Quick Acting Couplings - 8" HD.....	6	Material Specifications.....	47
Aluminum Swivel Cam & Groove Couplings.....	10	Menders.....	26
Brass Pin Lug Hose Shank Couplings.....	25	Operating Pressures & Temperatures	48
Brass Quick-Acting Couplings	15	Petroleum Couplings	8
Cast Aluminum Compression Quick Couplings & Adapters.....	9	Pin Lug Hose Shank Couplings.....	25
Chemical Resistance Guide	44 - 46	Polypropylene Ball Valves & Handles.....	19
Clamps (Heavy Duty T-Bolt).....	32	Polypropylene Quick-Acting Couplings.....	18, 19
Clamps (TigerClamp™ & Double Bolt)	33	Quick Disconnect Couplers and Plugs	23
Elastomer Physical Properties & Chemical Resistance Chart.....	43	Reducing Coupler/Adapters, Spool Adapters, Flange, Adapter & Coupler, Coupler X Coupler.....	16
EZ-Seal™ Leak Resistant Couplings	7, 26	Replacement Gaskets (Buna, EPDM, Buna-N, Viton® & White Neoprene)	20, 29
EZ-Seal™ Replacement Shank Bands	7, 26	Replacement Handles & Safety Clips.....	20
Flanged Rubber Expansion Joints (HTSRF Series - Single Sphere)	41	Sand Blast Hose Couplings.....	22
Flanged Rubber Expansion Joints (HTDRF Series - Double Sphere).....	42	SS304 Stainless Steel Quick-Acting Couplings.....	12
Forged "Plate-Style" Flanges (150# Carbon).....	34	SS316 Stainless Steel Quick-Acting Couplings.....	13
Forged "Plate-Style" Flanges (150# Stainless Steel)...	35	Stainless Steel Combination Hose Nipples.....	27
Forged Raised Face Slip-On Flanges (150# Carbon) .	37	Steel Combination Hose Nipples.....	27
Forged Raised Face Slip-On Flanges (150# SS)	38	Steel Hex Combination Hose Nipples	27
Forged Raised Face Slip-On Flanges (300# Carbon) .	39	Strainers and Skimmers	28
Forged Threaded Flanges (150# Carbon)	36	Cautionary Statement, Limited Warranty	49
Glass Reinforced Nylon Quick-Acting Couplings.....	17	Threaded Union Rubber Expansion Joints.....	43
Ground Joints	23, 24	Universal Air Hose Couplings - Plated.....	21
"Heavy Duty" Forged Brass Fittings.....	26	Weld Couplings	11
Hose and Tubing Cutter	28	Why Rubber Expansion Joints/Joint Movement	40
IRRI-LOC® Galvanized Couplings.....	29		
K-Loc™ Auto Lock SS316 Quick-Acting Couplings.....	14		

Viton® is a registered trademark of DuPont Performance Elastomers.

The trademarks contained in this publication are trademarks of Kuriyama of America, Inc.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Couplings and Accessories Index by Series Number

SERIES	PAGE	SERIES	PAGE	SERIES	PAGE	SERIES	PAGE	SERIES	PAGE
AB	25	BW-SSB	11	GRF	17	PPBV	19	SS304-DC	12
ABF	25	BW-SSF	11	GRN	17	PPC	18	SS304-DP	12
ABF-LF	26	CGDP	8	HA BRASS	20	PPC90	18	SS304-E	12
ABM	25	CPA	30	HA POLY	19	PPD	18	SS304-F	12
ABM-LF	26	CPCS	31	HA ST-STL	20	PPD90	18	SS-A	13
AHG	21	CPSS	31	HC	21	PPDC	19	SS-B	13
AL-A	5	CPT	30	HDAL-A	5,6	PPDP	19	SS-C	13
AL-B	5	CRS-CS	33	HDAL-C	5,6	PPE	18	SS-D	13
AL-C	5	CRS-SS	33	HDAL-E	5,6	PPF	18	SS-DC	13
AL-CLF	7	CSPF	34	HE	21	PPF90	19	SS-DP	13
AL-D	5	CSRF150	37	HEX-SPN	27	PPN	19	SS-E	13
AL-DC	6	CSRF300	39	HEX-STN	27	PPS	28	SS-F	13
AL-DP	6	CSRFTHD	36	HTDRF	42	Q-AL	22	SSN	27
AL-E	5	DAP	8	HTDRU	43	Q-BR	22	SSN304	27
AL-ELF	7	DB	33	HTSRF	41	QDAC	23	SSPF304	35
AL-F	5	DD-AL	16	HW	25	QDAP	23	SSPF316	35
ALSH-B	9	DD-SS	16	IL-A	29	Q-PI	22	SSRF304	38
ALSH-C	9	EPDM	20	IL-B	29	RDA-A	16	STN	27
ALSH-D	9	FCAL	9	IL-C	29	RDA-B	16	SW-ALA	11
ALSH-DC	9	FE	21	IL-F	29	RDA-SS	16	SW-ALD	11
BB	25	FHE	21	IL-H	29	RHS	28	SW-SSA	11
BC2	24	FHNST	25	IL-J	29	SA-A	16	SW-SSD	11
BC4	24	FHNST-F	25	IL-K	29	SA-B	16	TBC-SS	32
BC6	24	FHW	25	KAS-C	10	SA-SS	16	TBC-SSC	32
BCAL	9	FL-AL-A	16	KAS-E	10	SB-AL	22	TCC	8
BE	21	FL-AL-D	16	KLOC-SS-B	14	SB-BR	22	TCDA	8
BHS	28	GDS	24	KLOC-SS-C	14	SBG	22	TCDC	8
BR-A	15	GJ	23	KLOC-SS-D	14	SCAL-C	10	TCDD	8
BR-B	15	GJF	24	KLOC-SS-DC	14	SCAL-E	10	TCG	8
BR-C	15	GJM	24	K-LOCSSHA	14	SCSS	20	THS	28
BR-D	15	GJN	24	KSS-E	10	SDBC	33	TWC	21
BR-DC	15	GJS	23	Kuri-Cutter	28	SDBCR	33	USCL	21, 22
BR-DP	15	GMS	24	LHS	28	SHS	28	VITON	20
BR-E	15	GRA	17	ME	21	SPHM	26	VRP	8
BR-F	15	GRB	17	NBR-LF	7, 26	SPN	27	WC	24
BRGHT	26	GRC	17	NH-AL	22	SRG	22	WNIT	10
BRGHT-FEM	26	GRD	17	NH-BR	22	SS304-A	12	WS	24
BUNA	20	GRDC	17	PPA	18	SS304-B	12		
BW-ALB	11	GRDP	17	PPA90	18	SS304-C	12		
BW-ALF	11	GRE	17	PPB	18	SS304-D	12		

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

New Products Highlighted

**NEW
PRODUCTS!**

**EZ-Seal- Leak Resistant
Quick-Acting Couplings**



**EZ-Seal- Leak Resistant Pin
Lug Couplings**



**Kuri-Clamp™ Center
Punch Clamps**



**Threaded Swivel
Fittings**



**Brass Pin Lug
Couplings**



**Kuri-Krimp™
Crimping Sleeves**

**New & Improved
“CAM-BARB” Design!**

**IRRI-LOC™
Galvanized Couplings**



BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Aluminum Quick-Acting Couplings

Agriculture • Chemicals/Petroleum • Construction • Material Handling

Aluminum Part A Male Adapter x Female NPT

Part Number	Size	Weight Each (lbs.)	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"	1.58	20
AL-A500	5"	1.74	4
AL-A600	6"	2.95	15
*AL-A800	8"	7.58	2
AL-A1000	10"	9.88	2
*HDAL-A801	8"	9.48	2



Aluminum Part D Female Coupler x Female NPT

Part Number	Size	Weight Each (lbs.)	Standard Carton
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"	2.16	10
AL-D500●	5"	3.42	4
AL-D600●	6"	4.24	10
*†AL-D800●	8"	9.50	2
†AL-D1000●	10"	12.52	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
*†AL-B800●	8"	8.03	2
†AL-B1000●	8"	12.13	2



NEW
IMPROVED
HANDLE PINS

Aluminum Part E Male Adapter x Hose Shank

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"	7.73	2
AL-E1000	10"	12.90	1
*HDAL-E801	8"	9.75	2



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"	10.63	1
†AL-C1000●	10"	16.67	1
*†HDAL-C801●	8"	12.58	1



NEW
IMPROVED
HANDLE PINS



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
*AL-F800	8"	7.94	2
AL-F1000	10"	10.58	2



● 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 page 6 for interchange information.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Aluminum Quick-Acting Couplings

Agriculture • Chemicals/Petroleum • Construction • Material Handling

Aluminum Part DC Dust Cap

	Part Number	Size	Weight Each (lbs.)	Standard Carton
	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
	† AL-DC1000●	10"	12.54	3

Aluminum Part DP Dust Plug

	Part Number	Size	Weight Each (lbs.)	Standard Carton
	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
	* AL-DP800	8"	4.04	6
	AL-DP1000	10"	5.36	4

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 interchange information below.

Heavy Duty 8" Couplings



Aluminum Part A Male Adapter x Female NPT

Part Number	Description	Size	Weight Each (lbs.)	Standard Carton
HDAL-A801	Heavy Duty	8"	12.10	2



Aluminum Part C Female Coupler x Hose Shank

Part Number	Description	Size	Weight Each (lbs.)	Standard Carton
HDAL-C801	Heavy Duty	8"	18.25	1



Aluminum Part E Male Adapter x Hose Shank

Part Number	Description	Size	Weight Each (lbs.)	Standard Carton
HDAL-E801	Heavy Duty	8"	11.75	2

Compare Kuriyama's heavy duty version for interchangeability with current Ever-Tide, Andrews, and NECO couplings.

Compare Kuriyama's standard version with current PT and Campbell couplings.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

EZ-Seal™ Leak Resistant Couplings

Ideally suited for Layflat hoses

▪ Indoor Watering ▪ Agriculture ▪ Water Conservation



NEW
IMPROVED
HANDLE PINS

NEW
PRODUCT



PRO

Part C Coupler x Hose Shank

Part Number	Size (In.)	Appox. Weight Each (lbs.)	Standard Carton
AL-CLF150	1 1/2	0.77	30
AL-CLF200	2	0.98	40
AL-CLF300	3	1.98	15
AL-CLF400	4	2.87	15

Part E Male Adapter x Hose Shank

Part Number	Size (In.)	Appox. Weight Each (lbs.)	Standard Carton
AL-ELF150	1 1/2	0.44	40
AL-ELF200	2	0.64	50
AL-ELF300	3	1.38	18
AL-ELF400	4	2.51	20

Note: To insure proper sealing attach band clamps directly over rubber seals.



NEW
PRODUCT

EZ-Seal™ Replacement Shank Bands

Part Number	Size (In.)	Appox. Weight Each (lbs.)	Standard Carton
NBR-LF150	1 1/2"	0.004	10
NBR-LF200	2"	0.009	10
NBR-LF300	3"	0.029	10
NBR-LF400	4"	0.040	10

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Petroleum Couplings

Petroleum

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

Part Number	Size	Weight Each (lbs.)	Standard Carton
TCC-300-A	3"	2.65	15
TCC-400-A	4"	3.70	15



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

Part Number	Size	Weight Each (lbs.)	Standard Carton
VRP-A4030	4" X 3"	3.04	4



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

Part Number	Size	Weight Each (lbs.)	Standard Carton
DAP-4030	4" X 3"	3.54	4



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

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



API Aluminum Coupler x Adapter

Part Number	Adapter Size	Coupler Size	Weight Each (lbs.)	Standard Carton
TCDA-A4030	3"	4" API	4.25	4
TCDA-A4040	4"	4" API	4.50	4



API Aluminum Coupler x Coupler

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



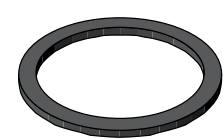
API Aluminum Dust Cap

Part Number	Size	Weight Each (lbs.)	Standard Carton
TCDC-A400	4"	3.00	6



Buna Gasket for API Couplings

Part Number	Size	Weight Each (lbs.)	Standard Carton
TCG-400	4"	0.07	1



See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 (lbs.)	Standard Carton
 NEW IMPROVED HANDLE PINS	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 (lbs.)	Standard Carton
 NEW IMPROVED HANDLE PINS	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

 NEW IMPROVED HANDLE PINS	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

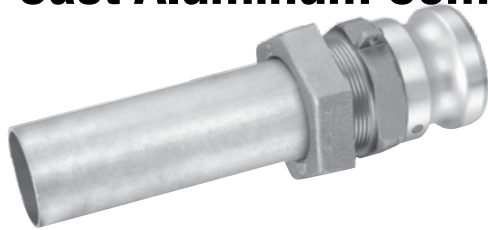
 NEW IMPROVED HANDLE PINS	ALSH-DC100	1"	0.34	25
	ALSH-DC125	1 1/4"	0.58	20
	ALSH-DC150	1 1/2"	0.64	25
	ALSH-DC200	2"	0.80	20
	ALSH-DC250	2 1/2"	0.94	12
	ALSH-DC300	3"	1.44	8
	ALSH-DC400	4"	2.34	6

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

Cast Aluminum Compression Quick Couplings & Adapters

Material Handling

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 (lbs.)	Standard Carton
 NEW IMPROVED HANDLE PINS	BCAL150	1 1/2"	0.96	25
	BCAL200	2"	1.16	20
	BCAL250	2 1/2"	1.54	12
	BCAL300	3"	2.08	10

Cast Aluminum Compression Adapters — FC

	Part Number	Size	Weight Each (lbs.)	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.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Quick-Acting Swivel Couplings

Agricultural • Chemicals/Petroleum • Construction • Material Handling

Our specially-designed Quick-Acting Swivel Couplers minimize the torque and twisting that occurs when a hose is in service.



Threaded Swivel Aluminum Female Coupler with SS304 Threaded NPT Insert

Part Number	Size	Weight Each (lbs.)	Standard Carton
KAS-C401	4"	5.20	1
KAS-C501	5"	6.53	1
KAS-C601	6"	10.49	1



Threaded Swivel Aluminum Male Adapter with SS304 Threaded NPT Insert

Part Number	Size	Weight Each (lbs.)	Standard Carton
KAS-E401	4"	4.67	1
KAS-E501	5"	5.42	1
KAS-E601	6"	6.97	1



Threaded Swivel SS304 Male Adapter with SS304 Threaded NPT Insert

Part Number	Size	Weight Each (lbs.)	Standard Carton
KSS-E401	4"	6.12	1
KSS-E501	5"	7.61	1
KSS-E601	6"	11.07	1

Suggested for use with Tigerflex™ 4" ID 2020, 2001, PF and WU Series hoses.

Z-Lok™ Investment cast stainless steel LTW™ (Lifetime Warranted) handles.

Stainless steel ball bearings ensure smooth swivel action.

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.



Safety clip provides positive locking.



White Nitrile gasket helps prevent product contamination.



Aluminum Quick-Acting Swivel Coupling Female Part "C"

Part Number	Size	Description	Weight Each (lbs.)	Standard Carton
SCAL-C400	4"	Female Part "C"	5.50	1

Aluminum Quick-Acting Swivel Coupling Male Part "E"

Part Number	Size	Description	Weight Each (lbs.)	Standard Carton
SCAL-E400	4"	Male Part "E"	3.20	1

Aluminum Quick-Acting Swivel Coupling White Nitrile Gaskets

Part Number	Size	Description	Weight Each (lbs.)	Standard Carton
WNIT400	4"	White Nitrile Gasket	0.66	10

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

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Weld Couplings

Material Handling

Socket Weld To Schedule 40 Metal Pipe

Aluminum Part A Male Adapter

	Part Number	Size	Weight Each (lbs.)	Standard Carton
	SW-ALA150	1 1/2"	0.37	30
	SW-ALA200	2"	0.45	40
	SW-ALA250	2 1/2"	0.65	50
	SW-ALA300	3"	0.77	35
	SW-ALA400	4"	1.41	20
	SW-ALA500	5"	1.70	4
	SW-ALA600	6"	2.08	15

Butt Weld To Schedule 40 Metal Pipe or Socket Weld To Nominal OD Metal Tubing

Aluminum Part F Male Adapter

	Part Number	Size	Weight Each (lbs.)	Standard Carton
	BW-ALF150	1 1/2"	0.52	50
	BW-ALF200	2"	0.74	60
	BW-ALF250	2 1/2"	1.02	30
	BW-ALF300	3"	1.36	20
	BW-ALF400	4"	2.40	25
	BW-ALF500	5"	3.03	4
	BW-ALF600	6"	4.01	10

Stainless Steel 316 Part A Male Adapter

	SW-SSA150	1 1/2"	0.71	25
	SW-SSA200	2"	1.37	12
	SW-SSA250	2 1/2"	1.38	12
	SW-SSA300	3"	1.87	8
	SW-SSA400	4"	3.95	6
	SW-SSA500	5"	4.46	4
	SW-SSA600	6"	6.16	2

Stainless Steel 316 Part F Male Adapter

	BW-SSF150	1 1/2"	1.40	25
	BW-SSF200	2"	1.57	20
	BW-SSF250	2 1/2"	2.80	12
	BW-SSF300	3"	4.17	8
	BW-SSF400	4"	6.57	6
	BW-SSF500	5"	8.51	4
	BW-SSF600	6"	11.52	2

Aluminum Part D Female Coupler

	SW-ALD150	1 1/2"	0.81	30
	SW-ALD200	2"	0.99	40
	SW-ALD250	2 1/2"	1.27	35
	SW-ALD300	3"	1.69	20
	SW-ALD400	4"	2.91	10
	SW-ALD500	5"	4.56	10
	SW-ALD600	6"	5.28	10

NEW
IMPROVED
HANDLE PINS

Aluminum Part B Female Coupler

	BW-ALB150	1 1/2"	0.76	30
	BW-ALB200	2"	0.92	50
	BW-ALB250	2 1/2"	1.09	40
	BW-ALB300	3"	1.64	25
	BW-ALB400	4"	2.51	25
	BW-ALB500	5"	3.43	4
	BW-ALB600	6"	5.08	10

NEW
IMPROVED
HANDLE PINS

Stainless Steel 316 Part D Female Coupler

	SW-SSD150	1 1/2"	1.41	30
	SW-SSD200	2"	1.70	40
	SW-SSD250	2 1/2"	2.35	35
	SW-SSD300	3"	3.30	20
	SW-SSD400	4"	5.32	10
	SW-SSD500	5"	7.81	10
	SW-SSD600	6"	20.79	10

WITH LTW
(Lifetime Warranted)
SS HANDLES

Stainless Steel 316 Part B Female Coupler

	BW-SSB150	1 1/2"	1.27	20
	BW-SSB200	2"	1.57	20
	BW-SSB250	2 1/2"	2.13	12
	BW-SSB300	3"	3.21	8
	BW-SSB400	4"	5.72	6
	BW-SSB500	5"	6.71	4
	BW-SSB600	6"	9.13	2

WITH LTW
(Lifetime Warranted)
SS HANDLES

The BW items above are dual purpose. They can be used as butt weld for metal pipe or socket weld for metal tubing.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

SS304 Stainless Steel Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

Stainless Steel Part A Male Adapter x Female NPT

Part Number	Size	Weight Each (lbs.)	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"	2.88	6
SS304-A500	5"	4.30	4
SS304-A600	6"	6.00	2



Stainless Steel Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each (lbs.)	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

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

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

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"	10.32	4
SS304-C600●	6"	14.55	2



Stainless Steel Part DC Dust Cap

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"	7.35	4
SS304-DC600●	6"	9.92	2



Stainless Steel Part D Female Coupler x Female NPT

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"	5.14	6
SS304-D500●	5"	8.00	4
SS304-D600●	6"	10.06	2



Stainless Steel Part DP Dust Plug

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 stainless steel handle.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

SS316 Stainless Steel Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

Stainless Steel Part A Male Adapter x Female NPT

Part Number	Size	Weight Each (lbs.)	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"	2.88	6
SS-A500	5"	4.30	4
SS-A600	6"	6.00	2



Stainless Steel Part E Male Adapter x Hose Shank

Part Number	Size	Weight Each (lbs.)	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 (lbs.)	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



WITH LOCKING FEATURE

WITH LTW
(Lifetime Warranted)
304 SS HANDLES

Stainless Steel Part F Male Adapter x Male NPT

Part Number	Size	Weight Each (lbs.)	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"	8.26	4
SS-F600	6"	11.27	2



Stainless Steel Part C Female Coupler x Hose Shank

Part Number	Size	Weight Each (lbs.)	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"	10.32	4
SS-C600●	6"	14.55	2



WITH LOCKING FEATURE

WITH LTW
(Lifetime Warranted)
304 SS HANDLES

Stainless Steel Part DC Dust Cap

Part Number	Size	Weight Each (lbs.)	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"	7.35	4
SS-DC600●	6"	9.92	2



WITH LOCKING FEATURE

WITH LTW
(Lifetime Warranted)
304 SS HANDLES

Stainless Steel Part D Female Coupler x Female NPT

Part Number	Size	Weight Each (lbs.)	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"	5.14	6
SS-D500●	5"	8.00	4
SS-D600●	6"	10.06	2



WITH LOCKING FEATURE

WITH LTW
(Lifetime Warranted)
304 SS HANDLES

Stainless Steel Part DP Dust Plug

Part Number	Size	Weight Each (lbs.)	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 stainless steel handle.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

K-Loc™ Auto Lock SS316 Quick-Acting Couplings

Agriculture • Chemicals/Petroleum

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

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



Part Number	Size	Weight Each (lbs.)	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 (lbs.)	Standard Carton
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 (lbs.)	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‡, 316 SS Slot Pins, SS Safety Clips & SS Pull Rings



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

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



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

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

‡ 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.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Brass Quick-Acting Couplings

Chemicals/Petroleum • Construction

Brass Part A Male Adapter x Female NPT

Part Number	Size	Weight Each (lbs.)	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 (lbs.)	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

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"	3.36	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

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

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

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

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

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"	1.20	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 Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.



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

Chemicals/Petroleum

Aluminum Reducing Coupler x Hose Shank

	Part Number	Size	Weight Each (lbs.)	Standard Carton
	AL-C4030	4" X 3"	2.94	6

NEW
IMPROVED
HANDLE PINS

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

	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

NEW
IMPROVED
HANDLE PINS

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

Stainless Steel (SS316) 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

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 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

NEW
IMPROVED
HANDLE PINS

Aluminum Spool Adapters

	Part Number	Size	Weight Each (lbs.)	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 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 (SS316) Spool Adapters

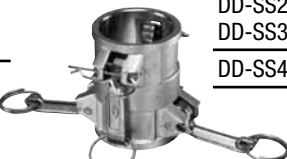
	SA-SS150	1 1/2" X 1 1/2"	1.76	18
	SA-SS1520	1 1/2" X 2"	2.10	20
	SA-SS200	2" X 2"	2.48	20
	SA-SS2030	2" X 3"	3.14	10
	SA-SS300	3" X 3"	4.61	10
	SA-SS3040	3" X 4"	5.28	6
	SA-SS400	4" X 4"	7.28	6

Aluminum 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

NEW
IMPROVED
HANDLE PINS

Stainless Steel (SS316) 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 Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Glass Reinforced Nylon Quick-Acting Couplings

Agriculture • Construction

Glass Reinforced Nylon Part A Male Adapter x Female NPT

	Part Number	Size	Weight Each (lbs.)	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 (lbs.)	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

	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

Glass Reinforced Nylon Part DC Dust Cap

	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

Glass Reinforced Nylon Part C Female Coupler x Hose Shank

	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

Glass Reinforced Nylon Part DP Dust Plug

	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

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

Glass Reinforced Nylon Part D Female Coupler x Female NPT

	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

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

	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

GRN Series

Glass Reinforced Nylon Part E Male Adapter x Hose Shank

	GRE100	1"	0.16	50
	GRE150	1 1/2"	0.18	40
	GRE200	2"	0.28	50
	GRE300	3"	0.66	18
	GRE400	4"	1.04	20

- 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.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Polypropylene Quick-Acting Couplings

Agriculture • Construction

Polypropylene Part A Male Adapter x Female NPT

Part Number	Size	Weight Each (lbs.)	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 E Male Adapter x Hose Shank

Part Number	Size	Weight Each (lbs.)	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 B Female Coupler x Male NPT

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"	0.47	30
PPB200	2"	0.49	50
PPB300	3"	1.17	25
PPB400	4"	1.44	25



Polypropylene Part F Male Adapter x Male NPT

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



Polypropylene Part C Female Coupler x Hose Shank

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 90° Male Adapter x Female NPT

PP150A90	1 1/2"	0.23	24
PP200A90	2"	0.36	24



Polypropylene 90° Female Coupler x Hose Shank

PP150C90	1 1/2"	0.56	24
PP200C90	2"	0.73	24



Polypropylene Part D Female Coupler x Female NPT

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 90° Female Coupler x Female NPT

PP150D90	1 1/2"	0.65	24
PP200D90	2"	0.78	24



- 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.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Polypropylene Quick-Acting Couplings *(continued)*

Agriculture • Construction

Polypropylene 90° Male Adapter x Male NPT

Part Number	Size	Weight Each (lbs.)	Standard Carton
-------------	------	--------------------	-----------------



PP150F90	1 1/2"	0.27	24
PP200F90	2"	0.41	24

Polypropylene Combination Hose Nipples — PPN Series / NPT Thread



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.

Polypropylene Part DC Dust Cap

Part Number	Size	Weight Each (lbs.)	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"	1.06	30
PPDC400●‡	4"	1.11	15

Polypropylene Part DP Dust Plug



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.

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

Polypropylene Ball Valves & Handles

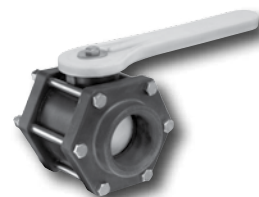
Full Port • Stainless Steel Bolts and Nuts • Teflon Seals, Viton® O-Ring Stem Seals



4-Bolt Valve Design

Part Number	Female Thread Size	PSI	Weight Each (lbs.)	Standard Carton
-------------	--------------------	-----	--------------------	-----------------

PPBV050	1/2"	150	0.88	24
PPBV075	3/4"	150	0.85	24
PPBV100	1"	150	1.16	24
PPBV125	1 1/4"	150	1.65	24
PPBV150	1 1/2"	150	1.67	24



6-Bolt Valve Design

Part Number	Female Thread Size	PSI	Weight Each (lbs.)	Standard Carton
-------------	--------------------	-----	--------------------	-----------------

PPBV200	2"	150	3.71	8
PPBV300	3"	100	6.60	6
PPBV400	4"	75	9.90	2

Viton® is a registered trademark of DuPont™ Performance Elastomers.

Polypropylene Ball Valve Handles



Part Number	Size	Weight Each (lbs.)	Standard Carton
-------------	------	--------------------	-----------------

HA POLY100	1/2" - 1"	0.06	60
HA POLY150	1 1/4" - 1 1/2"	0.14	40
HA POLY200	2" - 4"	0.27	20

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.



Replacement Gaskets For Quick Acting Couplings

EPDM Gaskets

	Part Number	Size	Weight Each (lbs.)	Standard Package†
	EPDM100	1"	.010	10
	EPDM125	1 1/4"	.016	10
	EPDM150	1 1/2"	.018	10
	EPDM200	2"	.022	10
	EPDM250	2 1/2"	.034	10
	EPDM300	3"	.042	10
	EPDM400	4"	.066	10

Temperature Rating: -60°F to 300°F

Buna-N Gaskets

	Part Number	Size	Weight Each (lbs.)	Standard Package†
	BUNA075	3/4"	.008	10
	BUNA100	1"	.010	10
	BUNA125	1 1/4"	.016	10
	BUNA150	1 1/2"	.018	10
	BUNA200	2"	.022	10
	BUNA250	2 1/2"	.034	10
	BUNA300	3"	.042	10
	BUNA400	4"	.066	10
	BUNA500	5"	.094	10
	BUNA600	6"	.116	10
	BUNA800	8"	.220	10
	BUNA801	8"	0.240	10
	BUNA1000	10"	0.390	10

Temperature Rating: -40°F to 250°F

Viton® Gaskets

Viton® is a registered trademark of DuPont Performance Elastomers.

	VITON050	1/2"	0.007	10
	VITON075	3/4"	0.008	10
	VITON100	1"	0.010	10
	VITON125	1 1/4"	0.016	10
	VITON150	1 1/2"	0.018	10
	VITON200	2"	0.022	10
	VITON250	2 1/2"	0.034	10
	VITON300	3"	0.042	10
	VITON400	4"	0.066	10

Temperature Rating: -20°F to 400°F

White Neoprene (FDA) Gaskets

	WN100	1"	0.010	10
	WN200	2"	0.022	10
	WN300	3"	0.042	10
	WN400	4"	0.066	10
	WN500	5"	0.094	10
	WN600	6"	0.116	10

Temperature Rating: -45°F to 250°F

†Note: Sold in full standard packages only

Replacement Handles & Safety Clips

Forged Brass Replacement Handles – with Stainless Steel Slot Pins, SS Pull Rings & CS Safety Clips

	Part Number	Size
	HA BRASS075	1/2" – 3/4"
	HA BRASS100	1"
	HA BRASS200	1 1/4" – 2 1/2"
	HA BRASS300	3" – 5"
	HA BRASS600	6" – 8"

Investment Cast 304 SS LTW* Replacement Handles with SS Slot Pins, SS Pull Rings & SS Safety Clips

	Part Number	Size
	HA ST-STL075	1/2" – 3/4"
	HA ST-STL100	1"
	HA ST-STL200	1 1/4" – 2 1/2"
	HA ST-STL300	3" – 5"
	HA ST-STL600	6" – 8"

* Lifetime Warranty on handles only.

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

	Part Number	Size	Weight Each (lbs.)	Standard Pkg†
	SCSS-200	3/4" – 5"	0.25	10
	SCSS-600	6" – 8"	0.40	10

See Material Specifications & Operating Pressure Charts on Pages 47 & 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Universal Air Hose Couplings - Plated

Construction

Plated 2-Lug Universal Air Hose Couplings — Crimp Ferrule



Part Number	Hose OD	Weight Each (lbs.)	Standard Carton
FHE-50	54/64" - 1 2/64"	0.50	20
FHE-75	1 4/64" - 1 22/64"	0.60	20
FHE-100	1 18/64" - 1 34/64"	0.66	20
FHE-101	1 30/64" - 1 46/64"	0.66	20

Plated 2-Lug Universal Air Hose Couplings — Hose End

Part Number	Size	Weight Each (lbs.)	Standard Carton
‡HE-38	3/8"	0.44	25
‡HE-50	1/2"	0.48	25
‡HE-75	3/4"	0.56	25
‡HE-100	1"	0.64	25

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

Plated 4-Lug Universal Air Hose Couplings — Hose End

‡HE-125	1 1/4"	1.70	10
‡HE-150	1 1/2"	1.80	10
‡HE-200	2"	2.00	10

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

Plated 2-Lug Universal Air Hose Couplings — Female End

FE-25	1/4"	0.32	25
FE-38	3/8"	0.33	25
FE-50	1/2"	0.44	25
FE-75	3/4"	0.48	25
FE-100	1"	0.52	25

Plated 4-Lug Universal Air Hose Couplings — Female End

FE-125	1 1/4"	0.90	10
FE-150	1 1/2"	1.00	10
FE-200	2"	1.20	10

Plated 2-Lug Universal Air Hose Couplings — Male End

Part Number	Size	Weight Each (lbs.)	Standard Carton
ME-25	1/4"	0.36	25
ME-38	3/8"	0.40	25
ME-50	1/2"	0.44	25
ME-75	3/4"	0.48	25
ME-100	1"	0.60	25

Plated 2-Bolt Clamp

HC-50	1"–1 1/8"	0.32	25
HC-75	1 1/8"–1 5/16"	0.56	25
HC-100	1 7/32"–1 21/32"	0.72	25

Plated 3-Way Connector

Part Number	Weight Each (lbs.)	Standard Carton
TWC	2.08	12

Plated Blank End

Part Number	Weight Each (lbs.)	Standard Carton
BE	0.52	25

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

Part Number	Hose ID Size	Weight Each (lbs.)	Standard Carton
USCL	—	0.025	10

Rubber Air Hose Replacement Gasket

Part Number	Hose ID Size	Weight Each (lbs.)	Standard Carton
AHG-75	1/2" – 1" 2-Lug	0.20	10
AHG-100	1 1/4" – 2" 4-Lug	0.20	10

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

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.

See Operating Pressure and Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Sand Blast Hose Couplings

Construction



Quick Disconnect Ends

(Supplied with Phillips Head Screws)

Aluminum Sand Blast Hose Couplings — Quick Disconnect Ends

Part Number	Hose Size	Hose OD	Weight Each (lbs.)	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 Each (lbs.)	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 Each (lbs.)	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 Replacement Gaskets for Sand Blast Hose Couplings



Part Number	Weight Each (lbs.)	Standard Package*
SBG	0.24	10
SRG-2 ‡	0.63	10

‡ NOTE: QAL5, QBR5, SB-AL3, and SB-AL3 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.



External Nozzle Holders

(Supplied with Phillips Head Screws)

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

Part Number	Hose Size	Hose OD	NPS Female Thread Size	Weight Each (lbs.)	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 with Female NPS Thread

Part Number	Hose Size	Hose OD	NPS Female Thread Size	Weight Each (lbs.)	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

Aluminum Quick Disconnect Female Threaded Adapters — NPT



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

Brass Quick Disconnect Female Threaded Adapters — NPT

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

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

Part Number	Weight Each (lbs.)	Std.* Pkg.
USCL	0.025	10



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

See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Quick Disconnect Couplings and Plugs

Industrial Interchange

Quick Disconnect Couplings and Plugs by Kuriyama are brass, semi-automatic and rated to 300 PSI.



Coupler with Male Thread

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



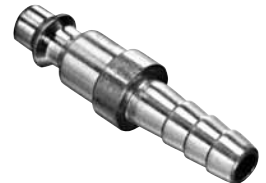
Plug with Female Thread

Part Number	Body Size	Thread Size	Weight Each (lbs.)	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 (lbs.)	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 (lbs.)	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.

Ground Joints

Couplings and Clamps - Zinc Plated

Hose Stem with Wing Nut and Female Spud

Part Number	Size	Weight Each (lbs.)	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 (lbs.)	Standard Carton
GJS-050	1/2"	0.18	200
GJS-075	3/4"	0.55	100
GJS-100	1"	0.81	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



See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.



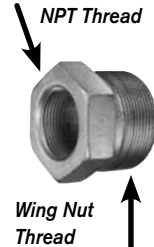
Ground Joints *(continued)*

Couplings and Clamps - Zinc Plated

Wing Nut

	Part Number	Size	Weight Each (lbs.)	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	GJF-050	1/2"	0.29	200
		GJF-075	3/4"	0.64	100
		GJF-100	1"	0.57	100
	Wing Nut Thread	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	GMS-050	1/2"	0.29	100
		GMS-075	3/4"	0.75	60
		GMS-100	1"	0.79	50
	Wing Nut Thread	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	GDS-050	1/2"	0.40	100
		GDS-075	3/4"	1.32	60
		GDS-100	1"	1.32	60
	Wing Nut Thread	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 (lbs.)	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 WS for hose-to-tool service

	Part Number	Hose ID	Size	Weight Each (lbs.)	Standard Carton
	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 (lbs.)	Torque	Std. Carton
	BC2-050	1 3/16" - 1 5/16"	0.31	6	100
	BC2-050A	1 5/16" - 1 1/16"	0.44	12	100
	BC2-050B	1 1/16" - 1 3/16"	0.48	12	100
	BC2-075	1 5/32" - 1 9/32"	0.73	21	60
	BC2-075A	1 3/16" - 1 5/16"	0.79	21	60
	BC2-075B	1 5/16" - 1 1/2"	0.88	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 11/16" - 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 9/32"	2.56	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 13/16"	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 5/16"	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.

See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Pin Lug Hose Shank Couplings

Agriculture • Construction

Pin Lug Hose Shank Couplings — Full Sets Aluminum Shank with Brass Swivel Nut (NPSM Threads)

Part Number	Size	Weight Each (lbs.)	Std. Carton
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



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



Pin Lug Hose Shank Couplings — Male Ends Aluminum Shank

ABM150	1 1/2"	0.18	150
ABM200	2"	0.26	80
ABM250	2 1/2"	0.40	36
ABM300	3"	1.04	24
ABM400	4"	1.70	20
ABM600	6"	3.04	8



Fire Hydrant Pin Lug Hose Couplings — Full Sets ‡ Aluminum Shank with Brass Swivel Nut – Pin Lugs on Both Male and Female Ends (NST Threads)

Part Number	Size	Weight Each (lbs.)	Std. Carton
FHNST150	1 1/2"	0.43	40
FHNST250	2 1/2"	1.04	12



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

FHNST-F150	1 1/2"	0.29	150
FHNST-F250	2 1/2"	0.70	36



Replacement Rubber Washers for Fire Hydrant Pin Lug Hose Couplings ONLY*

FHW150	1 1/2"	0.008	10
FHW250	2 1/2"	0.017	10



Replacement Rubber Washers for Pin Lug Hose Shank Couplings ONLY*

HW150	1 1/2"	0.008	25
HW200	2"	0.012	25
HW250	2 1/2"	0.017	25
HW300	3"	0.031	25
HW400	4"	0.050	25
HW600	6"	0.094	10



*Note: Replacement washers sold in standard package quantities only.

Brass Pin Lug Hose Shank Couplings

Agriculture • Construction

Pin Lug Hose Shank Couplings — Full Sets Brass Shank with Brass Swivel Nut (NPSM Threads)

Part Number	Size (In.)	Weight Each (lbs.)	Standard Carton
BB150	1 1/2"	1.17	35
BB200	2"	1.98	30
BB300	3"	5.00	12
BB400	4"	9.38	6



See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

EZ-Seal™ Leak Resistant Couplings

Ideally suited for Layflat hoses • Indoor Watering • Agriculture • Water Conservation

Pin Lug Hose Shank Couplings - Female Ends



	Part Number	Size (In.)	Weight Each (lbs.)	Standard Carton
	ABF-LF150	1 1/2	0.37	150
	ABF-LF200	2	0.58	80
	ABF-LF300	3	1.16	24
	ABF-LF400	4	2.01	20

Aluminum Shank with Brass Swivel Nut with NPSM Threads

Pin Lug Hose Shank Couplings - Male Ends



	Part Number	Size (In.)	Weight Each (lbs.)	Standard Carton
	ABM-LF150	1 1/2	0.22	150
	ABM-LF200	2	0.40	80
	ABM-LF300	3	1.04	24
	ABM-LF400	4	1.48	20

Aluminum Shank NPSM Threads

EZ-Seal™ Replacement Shank Bands



	NBR-LF150	1 1/2"	0.004	10
	NBR-LF200	2"	0.009	10
	NBR-LF300	3"	0.029	10
	NBR-LF400	4"	0.040	10

Note: To insure proper sealing attach band clamps directly over rubber seals.

“Heavy Duty” Forged Brass Fittings

Agriculture • Construction

“Heavy Duty” Forged Brass Fitting Sets



Part Number	Size	Thread Type	Shank Length	Weight Each (lbs.)	Master Carton Qty.
BRGHT050	1/2"	GHT	1.18"	0.25	180
BRGHT062	5/8"	GHT	1.18"	0.25	180
BRGHT075	3/4"	GHT	1.18"	0.25	180
BRNPS100	1"	NPS	1.46"	0.49	120

“Heavy Duty” Forged Brass Fitting Female Ends



Part Number	Size	Thread Type	Shank Length	Weight Each (lbs.)	Master Carton Qty.
BRGHT-FEM050	1/2"	GHT	1.18"	0.12	360
BRGHT-FEM062	5/8"	GHT	1.18"	0.12	360
BRGHT-FEM075	3/4"	GHT	1.18"	0.12	360
BRNPS-FEM100	1"	NPS	1.46"	0.25	240

Menders

Agriculture • Construction



Steel Hose Menders (Zinc Plated)

Part Number	Size	Weight Each (lbs.)	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

See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Steel Hex Combination Hose Nipples

Agriculture • Construction

Hex Combination Hose Nipples — (Plain Steel) NPT Thread



Part Number	Size	Weight Each (lbs.)	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"	0.56	20

Hex Combination Hose Nipples — (Plated Steel) NPT Thread



Part Number	Size	Weight Each (lbs.)	Standard Carton
HEX-SPN050	1/2"	0.14	25
HEX-SPN075	3/4"	0.22	25
HEX-SPN100	1"	0.32	50
HEX-SPN125	1 1/4"	0.56	20

Steel Combination Hose Nipples

Agriculture • Construction

Combination Hose Nipples — (Plain Steel) NPT Thread



Part Number	Size	Weight Each (lbs.)	Standard Carton
STN050	1/2"	0.14	25
STN075	3/4"	0.22	25
STN100	1"	0.32	50
STN125	1 1/4"	0.56	20
STN150	1 1/2"	0.72	10
STN200	2"	1.10	40
STN250	2 1/2"	1.74	20
STN300	3"	2.18	12
STN400	4"	3.22	8
STN500	5"	4.12	4
STN600	6"	12.24	4

Combination Hose Nipples — (Plated Steel) NPT Thread



Part Number	Size	Weight Each (lbs.)	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"	2.18	12
SPN400	4"	3.22	8
SPN600	6"	12.24	4
SPN800	8"	16.44	2
SPN1000	10"	21.78	1
SPN1200	12"	33.18	1

Stainless Steel Combination Hose Nipples

Agriculture • Construction

Combination Hose Nipples — SSN Series (304 Stainless) NPT Thread



Part Number	Size	Weight Each (lbs.)	Standard Carton
SSN304-050	1/2"	0.18	25
SSN304-075	3/4"	0.26	25
SSN304-100	1"	0.35	50
SSN304-125	1 1/4"	0.55	20
SSN304-150	1 1/2"	0.66	10
SSN304-200	2"	1.16	40
SSN304-250	2 1/2"	1.31	20
SSN304-300	3"	2.20	12
SSN304-400	4"	3.31	8
SSN304-500	5"	8.82	4
SSN304-600	6"	11.02	4

Combination Hose Nipples — SSN Series (316 Stainless) NPT Thread



Part Number	Size	Weight Each (lbs.)	Standard Carton
SSN050	1/2"	0.18	25
SSN075	3/4"	0.26	25
SSN100	1"	0.35	50
SSN125	1 1/4"	0.55	20
SSN150	1 1/2"	0.66	10
SSN200	2"	1.16	40
SSN250	2 1/2"	1.31	20
SSN300	3"	2.20	12
SSN400	4"	3.31	8
SSN500	5"	8.82	4
SSN600	6"	11.02	4

See Operating Pressure & Temperature Chart on Page 48

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 (lbs.)	Standard Carton
LHS150	1 1/2"	0.75	30
LHS200	2"	0.94	25
LHS300	3"	2.00	16



Top Hole Steel Strainer/Skimmer

Part Number	Size	Weight Each (lbs.)	Standard Carton
THS150	1 1/2"	1.64	25
THS200	2"	2.00	20
THS300	3"	2.68	15



Round Hole Steel Strainer

Part Number	Size	Weight Each (lbs.)	Standard Carton
RHS150	1 1/2"	1.36	32
RHS200	2"	1.78	18
RHS250	2 1/2"	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 (lbs.)	Standard Carton
BHS150	1 1/2"	1.64	20
BHS200	2"	2.00	20
BHS300	3"	2.68	15



Square Hole Steel Strainer

Part Number	Size	Weight Each (lbs.)	Standard Carton
SHS150	1 1/2"	1.12	32
SHS200	2"	1.74	18
SHS300	3"	2.50	18
SHS400	4"	2.52	18
SHS600	6"	6.32	6



Polypropylene Strainer with Standard Straight Pipe Threads (NPSM)

Part Number	Size	Weight Each (lbs.)	Standard Carton
PPS150	1 1/2"	0.25	12
PPS200	2"	0.30	18
PPS300	3"	0.65	12



Hose and Tubing Cutter

Kuri-Cutter Hose & Tubing Cutter

Part Number	Weight Each (lbs.)
Kuri-Cutter	0.27



BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

IRRI-LOC® Galvanized Couplings

Agriculture • Irrigation • Construction

Female Shank with EPDM Gasket

Part Number	Size	Weight Each (lbs.)	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



**New & Improved
"CAM-BARB" Design!**

Male Shank Only

Part Number	Size	Weight Each (lbs.)	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



**New & Improved
"CAM-BARB" Design!**

Locking Lever

Part Number	Size	Weight Each (lbs.)	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 (lbs.)	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



Male End with Locking Lever and Male NPT Thread

Part Number	Size	Weight Each (lbs.)	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



EPDM Replacement Gasket

Part Number	Size	Weight Each (lbs.)	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



Temperature Rating: -40°F to 180°F

Safety Clip

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



- Improved shank design for ease of assembly and greater fitting retention.
- 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.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

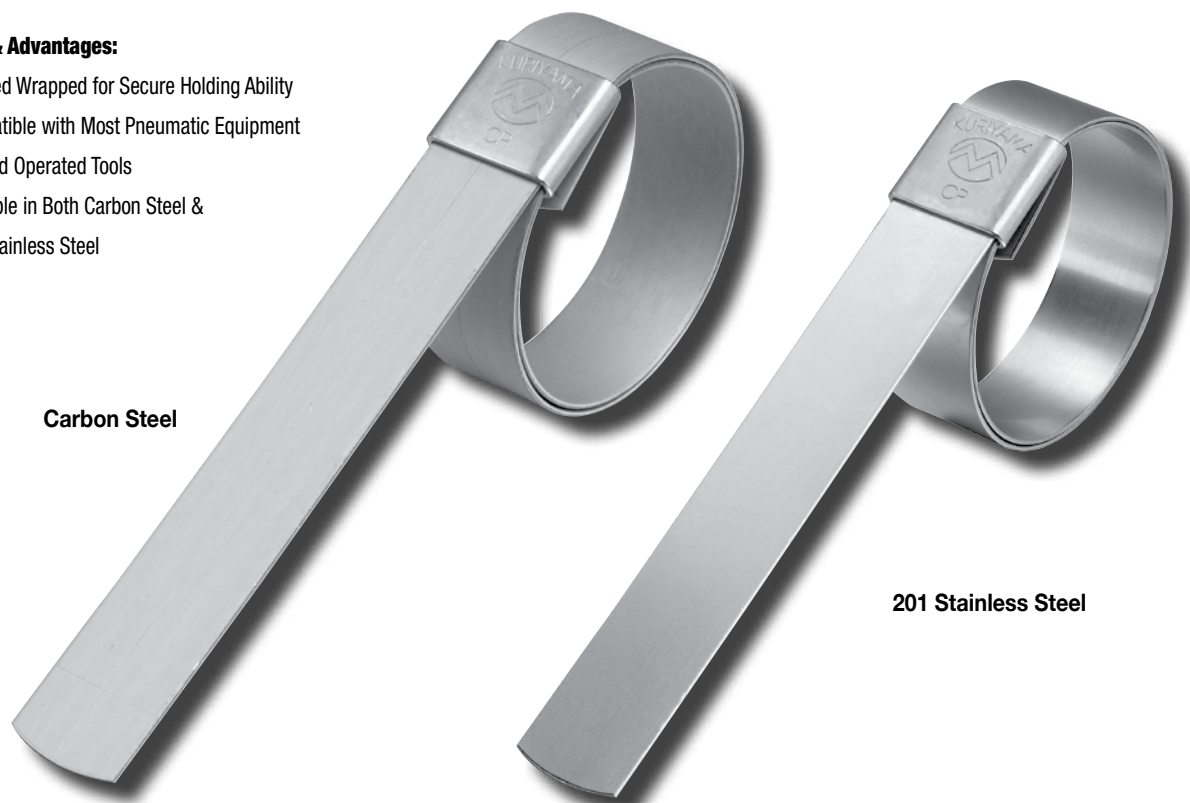
Kuri-Clamp™ Center Punch Clamps

Agriculture • Chemicals/Petroleum • Construction • Material Handling



Features & Advantages:

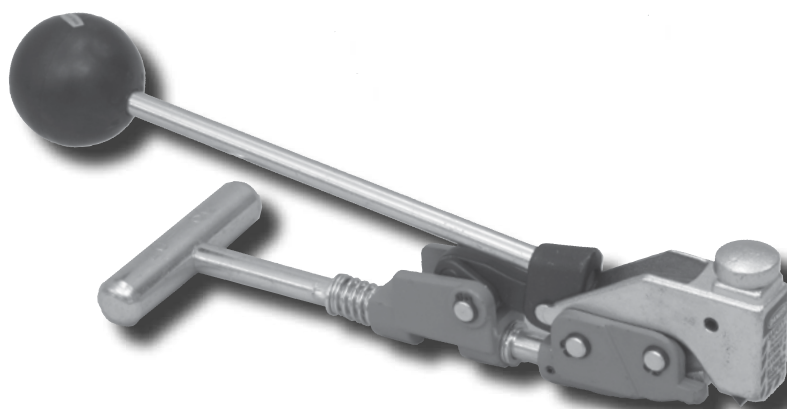
- Doubled Wrapped for Secure Holding Ability
- Compatible with Most Pneumatic Equipment or Hand Operated Tools
- Available in Both Carbon Steel & 201 Stainless Steel



Carbon Steel

201 Stainless Steel

Kuri-Clamp™ Center Punch Clamp Tool



Part Number	Description	Each (lbs.)	Standard Carton
CPT300	Center Punch Tool	3.00	1
CPA032	Replacement Adapter for 3/8" Wide CP Clamps	0.14	1

* The center punch tool is for both 3/8" and 5/8" wide center punch clamps.
The CPA032 Adapter is provided at no charge with the CPT300 tool; the CPA032 Adapter may also be purchased separately.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.



Kuri-Clamp™ Center Punch Clamps

Agriculture • Chemicals/Petroleum • Construction • Material Handling

Nominal Specifications

	Part No.	Size	Pieces Per Box	Weight Per Box (lbs.)	Standard Box
Galvanized Carbon Steel	BAND WIDTH - 3/8"				
	CPCS03	13/16"	100	3.60	1
	CPCS31	1 3/8"	100	4.60	1
	BAND WIDTH - 5/8"				
	CPCS04	1"	100	8.30	1
	CPCS05	1 1/4"	100	8.70	1
	CPCS06	1 1/2"	100	9.70	1
	CPCS07	1 3/4"	100	10.60	1
	CPCS08	2"	100	11.50	1
	CPCS09	2 1/4"	100	12.60	1
	CPCS10	2 1/2"	50	6.80	1
	CPCS11	2 3/4"	50	7.30	1
	CPCS12	3"	50	7.70	1
	CPCS14	3 1/2"	50	8.70	1
	CPCS16	4"	25	4.90	1
	CPCS18	4 1/2"	25	5.50	1
	CPCS20	5"	25	5.90	1
	CPCS24	6"	25	6.80	1
	CPCS26	6 1/2"	25	7.10	1
	CPCS28	7"	25	7.40	1
	CPCS32	8"	25	8.20	1

Nominal Specifications

	Part No.	Size	Pieces Per Box	Weight Per Box (lbs.)	Standard Box
Type 201 Stainless Steel	BAND WIDTH - 3/8"				
	CPSS03	13/16"	100	3.60	1
	CPSS31	1 3/8"	100	4.60	1
	BAND WIDTH - 5/8"				
	CPSS04	1"	100	8.30	1
	CPSS05	1 1/4"	100	8.70	1
	CPSS06	1 1/2"	100	9.70	1
	CPSS07	1 3/4"	100	10.60	1
	CPSS08	2"	100	11.50	1
	CPSS09	2 1/4"	100	12.60	1
	CPSS10	2 1/2"	50	6.80	1
	CPSS11	2 3/4"	50	7.30	1
	CPSS12	3"	50	7.70	1
	CPSS14	3 1/2"	50	8.70	1
	CPSS16	4"	25	4.90	1
	CPSS18	4 1/2"	25	5.50	1
	CPSS20	5"	25	5.90	1
	CPSS24	6"	25	6.80	1
	CPSS26	6 1/2"	25	7.10	1
	CPSS28	7"	25	7.40	1
	CPSS32	8"	25	8.20	1

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Clamps

Agriculture • Construction

Heavy Duty T-Bolt Clamps 304 Stainless Steel Band, Bolt and Nut



Part Number	Size Range	Weight Each (lbs.)	Standard Carton
TBC-SS019	21/32" - 3/4"	0.029	500
TBC-SS022	25/32" - 7/8"	0.030	500
TBC-SS025	29/32" - 1"	0.031	500
TBC-SS028	1 1/32" - 1 3/32"	0.031	500
TBC-SS031	1 5/32" - 1 15/32"	0.052	500
TBC-SS035	1 1/4" - 1 3/8"	0.052	500
TBC-SS039	1 3/8" - 1 9/16"	0.053	500
TBC-SS043	1 5/8" - 1 13/16"	0.055	500
TBC-SS047	1 3/4" - 1 15/16"	0.090	200
TBC-SS051	1 7/8" - 2 1/16"	0.095	200
TBC-SS055	2 1/8" - 2 5/16"	0.098	200
TBC-SS059	2 1/4" - 2 7/16"	0.100	200
TBC-SS063	2 3/8" - 2 9/16"	0.103	200
TBC-SS067	2 17/32" - 2 13/16"	0.105	200
TBC-SS073	2 21/32" - 2 15/16"	0.150	100
TBC-SS079	2 29/32" - 3 3/16"	0.160	100
TBC-SS085	3 1/32" - 3 5/16"	0.160	100
TBC-SS091	3 9/32" - 3 9/16"	0.165	100
TBC-SS097	3 17/32" - 3 13/16"	0.180	100
TBC-SS103	3 25/32" - 4 1/16"	0.180	100
TBC-SS112	4 1/32" - 4 5/16"	0.190	100
TBC-SS121	4 17/32" - 4 13/16"	0.195	100
TBC-SS130	4 25/32" - 5 1/16"	0.200	100
TBC-SS139	5 9/32" - 5 9/16"	0.292	60
TBC-SS148	5 17/32" - 5 13/16"	0.308	60
TBC-SS161	5 7/8" - 6 11/32"	0.319	80
TBC-SS174	6 17/32" - 6 13/16"	0.328	80
TBC-SS187	6 7/8" - 7 3/8"	0.340	60
TBC-SS200	7 13/32" - 7 7/8"	0.357	60
TBC-SS213	7 29/32" - 8 3/8"	0.367	60
TBC-SS226	8 21/32" - 8 15/16"	0.383	60
TBC-SS239	8 15/16" - 9 13/32"	0.400	60
TBC-SS252	9 7/16" - 9 29/32"	0.417	60

Heavy Duty T-Bolt Clamps 304 Stainless Steel Band with Carbon Steel Bolt and Nut



Part Number	Size Range	Weight Each (lbs.)	Standard Carton
TBC-SSC019	21/32" - 3/4"	0.029	500
TBC-SSC022	25/32" - 7/8"	0.030	500
TBC-SSC025	29/32" - 1"	0.031	500
TBC-SSC028	1 1/32" - 1 3/32"	0.031	500
TBC-SSC031	1 5/32" - 1 15/32"	0.052	500
TBC-SSC035	1 1/4" - 1 3/8"	0.052	500
TBC-SSC039	1 3/8" - 1 9/16"	0.053	500
TBC-SSC043	1 5/8" - 1 13/16"	0.055	500
TBC-SSC047	1 3/4" - 1 15/16"	0.090	200
TBC-SSC051	1 7/8" - 2 1/16"	0.095	200
TBC-SSC055	2 1/8" - 2 5/16"	0.098	200
TBC-SSC059	2 1/4" - 2 7/16"	0.100	200
TBC-SSC063	2 3/8" - 2 9/16"	0.103	200
TBC-SSC067	2 17/32" - 2 13/16"	0.105	200
TBC-SSC073	2 21/32" - 2 15/16"	0.150	100
TBC-SSC079	2 29/32" - 3 3/16"	0.160	100
TBC-SSC085	3 1/32" - 3 5/16"	0.160	100
TBC-SSC091	3 9/32" - 3 9/16"	0.165	100
TBC-SSC097	3 17/32" - 3 13/16"	0.180	100
TBC-SSC103	3 25/32" - 4 1/16"	0.180	100
TBC-SSC112	4 1/32" - 4 5/16"	0.190	100
TBC-SSC121	4 17/32" - 4 13/16"	0.195	100
TBC-SSC130	4 25/32" - 5 1/16"	0.200	100
TBC-SSC139	5 9/32" - 5 9/16"	0.292	60
TBC-SSC148	5 17/32" - 5 13/16"	0.308	60
TBC-SSC161	5 7/8" - 6 11/32"	0.319	80
TBC-SSC174	6 17/32" - 6 13/16"	0.328	80
TBC-SSC187	6 7/8" - 7 3/8"	0.340	60
TBC-SSC200	7 13/32" - 7 7/8"	0.357	60
TBC-SSC213	7 29/32" - 8 3/8"	0.367	60
TBC-SSC226	8 21/32" - 8 15/16"	0.383	60
TBC-SSC239	8 15/16" - 9 13/32"	0.400	60
TBC-SSC252	9 7/16" - 9 29/32"	0.417	60

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 (lbs.)	Standard Carton
SDBC-1.5	1 1/2"	0.18	100
SDBC-2	2"	0.36	100
SDBC-2.25	2 1/4"	0.40	100
SDBC-2.5	2 1/2"	0.48	100
SDBC-3	3"	0.66	70
SDBC-3.5	3 1/2"	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

TigerClamp™ Zinc Plated Carbon Steel Spiral Double Bolt Clamps
(For Clockwise Spiral Hoses)
Designed to Fit Tigerflex™ Tiger-TR1™ Hoses



Part Number	Size	Weight Each (lbs.)	Standard Carton
SDBCR-2	2	0.36	100
SDBCR-3	3	0.66	70
SDBCR-4	4	1.02	40
SDBCR-5	5	1.76	30
SDBCR-6	6	2.00	20

Kuri-Krimp™ Plated Steel Crimp Sleeves



Part Number	Hose ID Size	Sleeve ID	Weight Each (lbs.)	Standard Carton
CRS-CS10108	1"	1.50	0.19	200
CRS-CS10109	1"	1.56	0.20	200
CRS-CS15200	1 1/2"	2.00	0.25	128
CRS-CS15202	1 1/2"	2.12	0.26	128
CRS-CS20209	2"	2.56	0.37	80
CRS-CS20210	2"	2.62	0.40	80
CRS-CS20211	2"	2.68	0.40	80
CRS-CS25302	2 1/2"	3.12	0.52	60
CRS-CS25304	2 1/2"	3.25	0.54	60
CRS-CS30310	3"	3.62	1.19	40
CRS-CS30312	3"	3.75	1.21	40
CRS-CS30313	3"	3.81	1.23	40
CRS-CS30400	3"	4.00	1.30	40
CRS-CS40411	4"	4.68	1.61	30
CRS-CS40412	4"	4.75	1.63	30
CRS-CS40413	4"	4.81	1.65	30
CRS-CS40500	4"	5.00	1.72	30

Double Bolt Zinc Plated Ductile Iron Hose Clamps



Part Number	Size	Weight Each (lbs.)	Torque	Standard Carton
DB76	2 3/8" - 3 1/64"	0.73	40	10
DB94	3 1/32" - 3 11/16"	1.30	40	10
DB400	3 1/2" - 4"	1.54	40	10
DB463	4 1/16" - 4 7/16"	1.79	40	10
DB525	4 3/16" - 5"	2.14	60	10
DB550	5" - 5 1/2"	2.27	60	10
DB600	5 1/2" - 6 1/16"	2.65	60	10
DB675	6 1/8" - 6 7/8"	2.98	60	10
DB769	6 5/16" - 7 5/8"	3.81	60	10
DB818	7 1/16" - 8 3/16"	5.11	125	10
DB875	8 1/4" - 8 7/8"	5.64	125	10
DB988	8 5/16" - 9 7/8"	6.15	125	10
DB1125	9 5/16" - 11 3/8"	9.48	125	4
DB1275	11 3/16" - 12 1/2"	9.61	125	4
DB1360	12 3/16" - 14"	15.43	200	4

Kuri-Krimp™ 304 Stainless Steel Crimp Sleeves



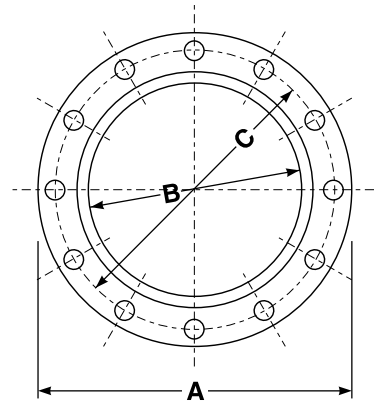
Part Number	Hose ID Size	Sleeve ID	Weight Each (lbs.)	Standard Carton
CRS-SS10108	1"	1.50	0.20	200
CRS-SS10109	1"	1.56	0.21	200
CRS-SS15200	1 1/2"	2.00	0.27	128
CRS-SS15202	1 1/2"	2.12	0.29	128
CRS-SS20209	2"	2.56	0.40	80
CRS-SS20210	2"	2.62	0.43	80
CRS-SS20211	2"	2.68	0.43	80
CRS-SS25302	2 1/2"	3.12	0.56	60
CRS-SS25304	2 1/2"	3.25	0.58	60
CRS-SS30310	3"	3.62	1.29	40
CRS-SS30312	3"	3.75	1.31	40
CRS-SS30313	3"	3.81	1.33	40
CRS-SS30400	3"	4.00	1.40	40
CRS-SS40411	4"	4.68	1.74	30
CRS-SS40412	4"	4.75	1.76	30
CRS-SS40413	4"	4.81	1.78	30
CRS-SS40500	4"	5.00	1.86	30

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Forged “Plate-Style” Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Carbon Steel Forged



150# Carbon Steel Forged Plate-Style Flanges

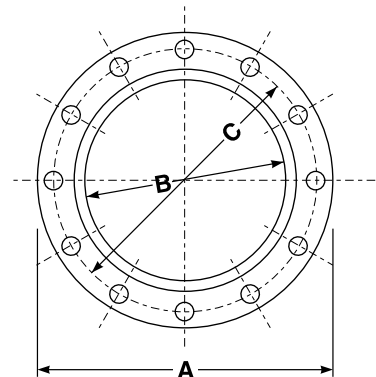
Nom. Size	Part Number	“A” O.D.	“T” Thickness	“B” Bore	No. of Bolt Holes	Dia. of Bolt Holes	“C” Circle	Weight Each (lbs.)
1/2"	CSPF0050	3 1/2"	1/2"	.77"	4	5/8"	2 3/8"	1.12
3/4"	CSPF0075	3 7/8"	1/2"	1.10"	4	5/8"	2 3/4"	1.36
1"	CSPF0100	4 1/4"	1/2"	1.36"	4	5/8"	3 1/8"	1.58
1 1/4"	CSPF0125	4 5/8"	1/2"	1.70"	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Forged "Plate-Style" Flanges

Chemicals/Petroleum • Construction • Material Handling

150# Stainless Steel Forged



150# Stainless Steel Forged Plate-Style Flanges

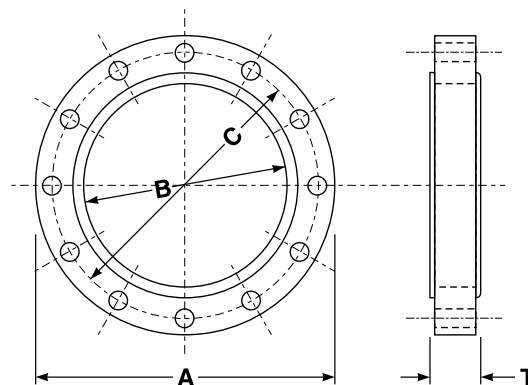
Nom. Size	Type 304	Type 316	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolts	Dia. of Bolts	"C" Circle	Weight Each (lbs.)
	Part Number	Part Number							
3/4"	SSPF3040075	SSPF3160075	3 7/8"	1/2"	1.10"	4	5/8"	2 3/4"	1.36
1"	SSPF3040100	SSPF3160100	4 1/4"	1/2"	1.36"	4	5/8"	3 1/8"	1.66
1 1/4"	SSPF3040125	SSPF3160125	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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

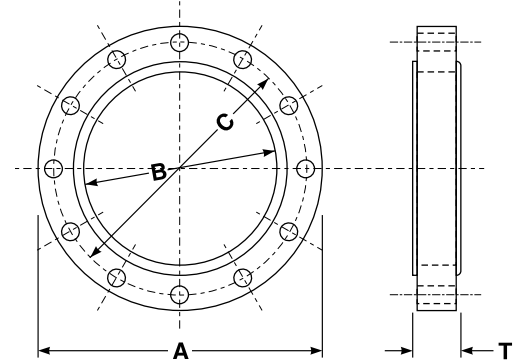
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight Each (lbs.)
1/2"	CSRFTHD1500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
3/4"	CSRFTHD1500075	3 7/8"	5/8"	1.09"	4	5/8"	2 3/4"	1.98
1"	CSRFTHD1500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	CSRFTHD1500125	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 Raised Face Slip-On Flanges

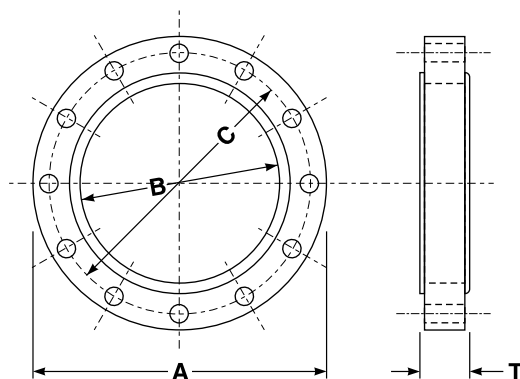
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight Each (lbs.)
1/2"	CSRF1500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
3/4"	CSRF1500075	3 7/8"	5/8"	1.09"	4	5/8"	2 3/4"	1.98
1"	CSRF1500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	CSRF1500125	4 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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 Raised Face Slip-On Flanges

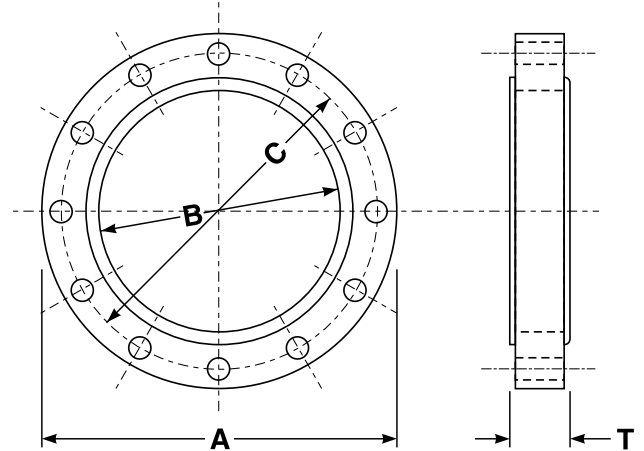
Nom. Size	Part Number	"A" O.D.	"T" Thickness	"B" Bore	No. of Bolt Holes	Dia. of Bolt Holes	"C" Circle	Weight Each (lbs.)
1/2"	SSRF3041500050	3 1/2"	5/8"	0.88"	4	5/8"	2 3/8"	1.10
1"	SSRF3041500100	4 1/4"	3/4"	1.36"	4	5/8"	3 1/8"	2.18
1 1/4"	SSRF3041500125	4 5/8"	7/8"	1.70"	4	5/8"	3 1/2"	3.09
1 1/2"	SSRF3041500150	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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 Raised 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 Each (lbs.)
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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Why Rubber Expansion Joints?

There are a number of reasons why rubber expansion joints can provide the ideal solution to your piping and plumbing problems:

- **Minimal face-to-face dimensions** — Rubber expansion joints require considerably less space than typical expansion bends or loops and frequently have a lower pressure drop. This can translate into savings on installation costs, as well as improved performance.
- **Light weight** — Rubber expansion joints are relatively light in weight. This makes installation easier and less costly.
- **Low movement forces required** — The natural flexibility of rubber expansion joints allows almost unlimited flexing and recovery, as well as requiring less force to move. This helps prevent damage to costly equipment and expensive down time.
- **Reduced fatigue factor** — The elastomers used in rubber expansion joints are not subject to fatigue breakdown or embrittlement. And they prevent electrolytic action.
- **Reduced heat loss** — Rubber expansion joints reduce heat losses and give longer maintenance-free service.

- **Corrosion- and erosion-resistance** — The superior corrosion-resistant characteristics of rubber expansion joints permit the safe handling of a wide variety of materials within the rated pressures and temperatures shown.

Typical Applications

Air Conditioning, Heating & Ventilation Systems

Commercial & Institutional Buildings	Hospitals
Schools	Motels
Apartments	Hotels
Stores	Aboard Ships & Boats

Central & Ancillary Power Generating Stations

Communities	Buildings
Factories	Aboard Ships & Boats

Sewage Disposal & Water Treatment Plants

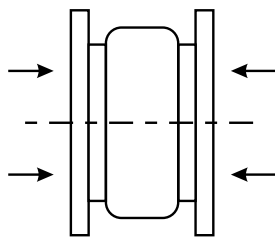
Irrigation & Fire Fighting Stations

Process Piping

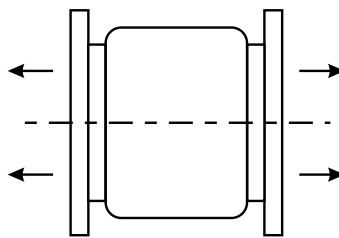
Pulp & Paper
Chemical
Primary Metal
Petroleum Refining

RUBBER EXPANSION JOINT MOVEMENT

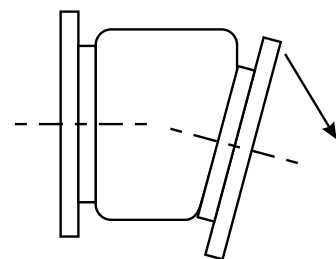
Expansion joints are designed to absorb different movements concurrently



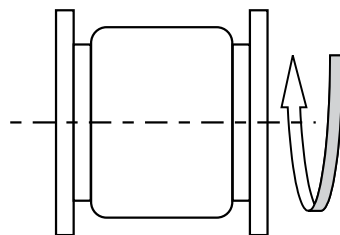
Axial Compression



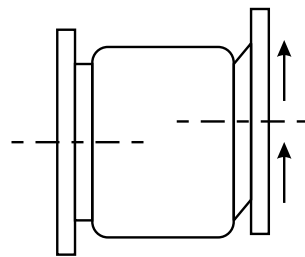
Axial Elongation



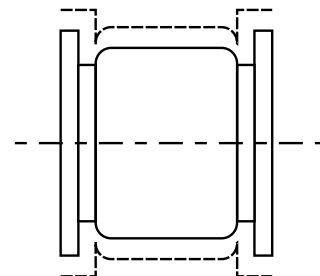
*Angular Deflection
Bending of the Centerline*



*Torsional Movement
Rotation about the centerline (twist)*



*Transverse Deflection
Perpendicular to centerline*



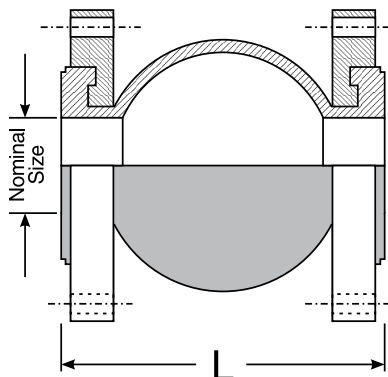
Vibration

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Flanged Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTSRF Series Single Sphere Flanged Rubber Expansion Joints



Construction — Nylon fabric-reinforced neoprene body with hardened spring steel wire reinforcement and **forged** carbon steel flanges.

Features —

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation, using floating flanges.
- Excellent for use with moderate chemicals and acids, most oils, fats and grease and many solvents. **Not for use with oxidizing acids, esters and ketones.**



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

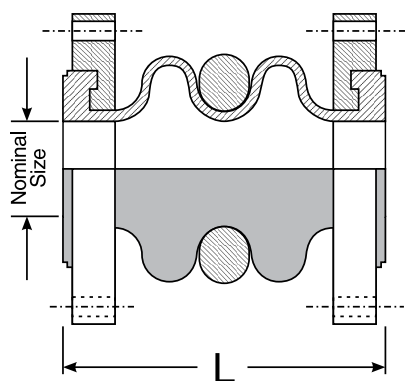
BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Flanged Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTDRF Series

Double Sphere Flanged Rubber Expansion Joints



Construction — Nylon fabric-reinforced neoprene body with hardened spring steel wire reinforcement and **forged** carbon steel flanges.

Features —

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation, using floating flanges.
- Excellent for use with moderate chemicals and acids, most oils, fats and grease and many solvents. **Not for use with oxidizing acids, esters and ketones.**



HTDRF Series

Double Sphere Flanged Rubber Expansion Joint

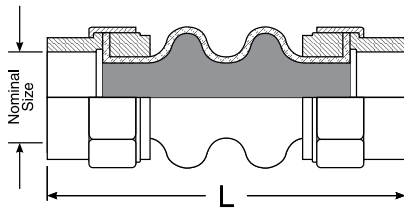
Part No.	Diameter		"L" In.	Allowable Movement				Operating Condition			Weight Each (lbs.)
	In.	mm		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Max. Pressure PSIG	Max. Temp. ° F.	Vacuum Rating HG In.	
HTDRF 12X7	1 1/4"	32	7"	2"	1 1/4"	1 1/2"	40°	150	220	16	5.3
HTDRF 15X7	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.

Threaded Union Rubber Expansion Joints

Chemicals/Petroleum • Construction

HTDRU Series Threaded Union Rubber Expansion Joint



Construction — Nylon fabric-reinforced neoprene body with cast ductile iron ground pipe unions.

Features —

- Superb vibration absorption.
- Effective for large eccentricity thermal and bending angles.
- Low-cost installation and operation.
- Excellent for use with moderate chemicals and acids, most oils, fats and grease and many solvents. **Not for use with oxidizing acids, esters and ketones.**



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.	
HTDRU0075	3/4"	20	8"	7/8"	1/4"	7/8"	45°	150	240	16	1.8
HTDRU0100	1"	25	8"	7/8"	1/4"	7/8"	45°	150	240	16	2.8
HTDRU0125	1 1/4"	32	8"	7/8"	1/4"	7/8"	45°	150	240	16	3.5
HTDRU0150	1 1/2"	40	8"	7/8"	1/4"	7/8"	45°	150	240	16	4.0
HTDRU0200	2"	50	8"	7/8"	1/4"	7/8"	45°	150	240	16	5.0

ELASTOMER PHYSICAL PROPERTIES & CHEMICAL RESISTANCE

Material Designation	Common Name					
	Neoprene Chloroprene	Natural Rubber Polyisoprene, Synthetic	BUTYL Isobutene-Isoprene	BUNA-N/Nitrile Nitrile-Butadiene	Hypalon Chloro-Sulfonyl-Polyethylene	EPDM Ethylene-Propylene-Diene-Terpolymer
ANSI/ASTM D1418-17	CR	IR	IIR	NBR	CSM	EPDM
ASTM D-2000 SAE J-200	BC BE	AA	AA	BF BK CH	CE	BA CA DA
Ozone	VG	X	E	F	O	O
Weather	E	F	VG	F	E	E
Sunlight	VG	X	VG	X	O	O
Oxidation	VG	G	E	G	E	E
Heat	G	F	VG	G	G	E
Cold	G	VG	G	FG	G	VG
Flame	G	X	X	X	G	X
Tear	G	VG	G	FG	FG	G
Abrasion	VG	E	G	G	G	VG
Impermeability	G	F	E	G	G	G
Dynamic	F	F	F	VG	F	VG
Rebound-Hot	VG	E	VG	G	G	E
Rebound-Cold	G	E	X	G	F	E
Comp. Set	F	G	FG	VG	F	G
Tensile Strength	VG	E	G	VG	F	VG
Dielectric Strength	VG	E	VG	X	VG	O
Electrical Insulation	FG	VG	VG	PF	FG	E
Water Absorption	G	VG	VG	G	G	E
Radiation	VG	E	G	VG	VG	O
Swelling in Oil	G	X	X	VG	G	X
Acid, Dilute	E	FG	E	G	E	E
Acid, Concentrated	G	FG	G	G	G	G
Aliphatic Hydrocarbons	FG	X	X	E	FG	X
Aromatic Hydrocarbons	F	X	X	G	F	X
Oxygenated Hydrocarbons	PF	G	G	X	PF	E
Lacquers	X	X	FG	F	X	FG
Oil & Gasoline	G	X	X	VG	G	X
Alkali, Dilute	G	ND	G	G	G	E
Alkali, Concentrated	X	ND	VG	X	G	E
Animal & Vegetable Oil	G	ND	VG	VG	G	VG
Chemical	FG	FG	E	FG	E	E
Water	G	VG	VG	G	VG	VG

Note: This chart is only intended for use as a general guide. Specific elastomer compounds produced by various manufacturers may have different properties. Where chemical-resistance and mechanical characteristics are important, the product should be tested using the exact chemical formulation and under the exact environmental conditions the product will normally encounter in service.

Key to Ratings:

FG – Fair-to-Good

O – Outstanding

F – Fair

E – Excellent

PF – Poor-to-Fair

VG – Very Good

X – Poor

G – Good

ND – No Data

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR 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	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene	Chemical	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 (lbs.) (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 Bisulfide	–	–	–	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 (lbs.), 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
							Crylic Acid (Conc.)	G	G	G	G	X	X

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Chemical Resistance Guide

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

Chemical	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene	Chemical	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Chemical Resistance Guide

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

Chemical	Aluminum	Brass	304 Stainless Steel	316 Stainless Steel	Nylon	Polypropylene	Chemical	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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Material Specifications

Aluminum Quick-Acting Couplings from pages 5, 6, 7, 8, 9, 10 and 11

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

All sizes except 5" and 8" are made to comply with MIL Spec A-A-59326 for interchangeability. † All 8" couplers supplied with 4 locking handles, safety clips, pull rings and chains at NO CHARGE.
 Sizes 5" & 8" comply with ASTM Specifications for interchangeability.
 1/2" X 1/2" are not specified under MIL Specs.

Brass Quick-Acting Couplings from page 15 and 16

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

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

Glass Reinforced Nylon Quick-Acting Couplings from page 17

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

All sizes are made to comply with MIL Spec A-A-59326 for interchangeability.

Polypropylene Quick-Acting Couplings from pages 18 and 19

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

All sizes are made to comply with MIL Spec A-A-59326 for interchangeability.
 1/2" X 1/2" are not specified under MIL Specs.

SS304 Stainless Steel Quick-Acting Couplings from page 12

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

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

SS 316 Stainless Steel Quick-Acting Couplings from pages 13, 14 and 16

	Body	Handles	Slot Pins	Pull Rings	Gaskets	Safety Clips
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

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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

Operating Pressures & Temperatures

Part	Maximum PSI Rating	Maximum Temperature
Aluminum Quick-Acting Couplings from pages 5, 6, 7, 8, 9, 10 and 11	1/2" - 4": 150 PSI 5" - 6": 75 PSI 8": 50 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Brass Quick-Acting Couplings from pages 15 and 16	1/2" - 4": 150 PSI 5" - 6": 75 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Combination Nipples from page 27	1/2" - 1 1/2": 125 PSI 2" - 6": 75 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Glass Reinforced Nylon Couplings from page 17	1": 175 PSI 1/2" - 2": 150 PSI 3": 125 PSI 4": 75 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Ground Joints from pages 23 and 24	Steam - 250 PSI Asphalt & Hot Tar - 200 PSI Air - 600 PSI	450°F
Part	Maximum PSI Rating	Maximum Temperature
Irr-loc® Couplings from page 29	2" - 3": 250 PSI 4" - 8": 150 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Pin Lugs from page 25 and 26	1/2" - 2": 75 PSI 2 1/2" - 4": 50 PSI 5" - 6": 25 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Polypropylene Quick-Acting Couplings from pages 18 and 19	1/2" - 2": 100 PSI @ 0°F 125 PSI @ 70°F, 70 PSI @ 150°F 3" - 4": 75 PSI @ 70°F	1/2" - 2": 100 PSI @ 0°F 125 PSI @ 70°F 70 PSI @ 150°F 3" - 4": 75 PSI @ 70°F
Part	Maximum PSI Rating	Maximum Temperature
Quick Disconnect Couplings & Plugs from page 23	300 PSI	240°F
Part	Maximum PSI Rating	Maximum Temperature
Sandblast Couplings from page 22	110 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
SS304 Stainless Steel Quick-Acting Couplings from page 12	1/2" - 2": 250 PSI 4": 150 PSI 5" - 6": 75 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
SS316 Stainless Steel Quick-Acting Couplings from pages 13, 14, and 16	1/2" - 2": 250 PSI 2 1/4" - 4": 150 PSI 5" - 6": 75 PSI	Ambient
Part	Maximum PSI Rating	Maximum Temperature
Universal Couplings from page 21	150 PSI	70°F

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.

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.

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.

09/2005



Kuriyama - CouplingsTM

Couplings & Accessories
For Agriculture, Material Handling,
Chemicals, Petroleum & Construction

**SEE PAGE 4
 FOR
 NEW PRODUCTS!**

Distributed by:

Visit us
www.kuriyama.com
 on the Web!



Kuriyama of America, Inc.

Headquarters, Sales Office & Warehouse Location

360 E. State Parkway, Schaumburg, IL 60173-5335

Phone: (847) 755-0360 • Toll-free FAX: (800) 800-0320 • International FAX: (847) 885-0996

Web Site: <http://www.kuriyama.com> • E-Mail: sales@kuriyama.com

CONTACT OUR SALES/WAREHOUSE LOCATIONS BELOW WHICH SERVE YOUR AREA

**SOUTHWEST WAREHOUSE
 KURIYAMA OF AMERICA, INC.
 HOUSTON**
 8919 MARKET ST.
 HOUSTON, TX 77029
 Phone: (713) 674-8212
 Toll-Free Phone: (800) 501-6808
 FAX: (713) 674-5214
 Toll-Free FAX: (800) 800-5214

**WESTERN WAREHOUSE
 KURIYAMA OF AMERICA, INC.
 SANTA FE SPRINGS**
 10749 SHOEMAKER AVENUE
 SANTA FE SPRINGS, CA 90670-4039
 Phone: (562) 941-4507
 FAX: (562) 941-8940
 Toll-Free FAX: (800) 326-8940

**SOUTHEAST WAREHOUSE
 FORTNEY SALES CO., INC.**
 1580 BIG SHANTY DR NW
 KENNESAW, GA 30144-7040
 Phone: (770) 427-6528
 FAX: (770) 423-9249
 Toll-Free FAX: (800) 423-9249

**EASTERN WAREHOUSE
 EASTERN RUBBER &
 PLASTICS CO., INC.**
 Rt. 537 - PLUMSTED INDUSTRIAL PARK
 NEW EGYPT, NJ 08533-0248
 Phone: (609) 758-0100
 FAX: (609) 758-0102
 Toll-Free FAX: (800) 445-7138

IN MEXICO

KURIYAMA DE MEXICO, S. DE R.L. DE C.V., CARRETERA MIGUEL ALEMÁN KM. 14.8, PARQUE INDUSTRIAL HASNA, APODACA (MONTERREY), N.L., 66600, MEXICO
 Tel: (81) 1086-1870 o 71 • Toll-Free (within Mexico): 01-800-822-52-00 • FAX: (81) 1086-1869 • Internet: www.kuriyama.com • Correo Electronico: ventas@kuriyama.com