

PRICE LIST

HARCO DEEP BELL DUCTILE IRON FITTINGS

1½” – 12” FITTINGS AND BELLS FOR IPS PIPE

UTILITY PRICE LIST UD408

See www.harcofittings.com for Latest Additions

FREIGHT — F.O.B. Lynchburg, Virginia

ALL FITTINGS MEET OR EXCEED:

MATERIALS	ASTM A-536
JOINTS	ASTM D-3139, AWWA C-111
GASKETS	ASTM F-477
COATING	AWWA C-153



ENGINEERED FOR DURABILITY

*Applicable U.S. Patents: #5,183,298; #5,464,257;
Other Patents Pending*

UTILITY PRICE LIST UD408 HARCO DUCTILE IRON PRODUCTS

PRICE LIST UD408
EFFECTIVE APRIL 1, 2008
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U.S. made Push On Fittings available in many configurations. Call for price and availability.

Other Compatible Pipe Standards:

British Standards: BS 3505/3506 - 1½", 2", 3", 4", 6", 8", 10", 12"

Japanese Standards: JIS K 6741 - with transition gaskets, Call for Product #'s 50mm, 75, 100, 150, 200, 250, 300

Mechanical Joint Fittings are available. Call for price and availability.

NOTES

1. GASKETS – Included in prices unless otherwise noted.
2. CEMENT LINING – Per AWWA C153. Available upon request. Add 5% to list prices, please specify on purchase order and up to two weeks for shipment. Cement lined fittings are non-cancellable and non-returnable.
3. EPOXY EXTERIOR COATING – Per AWWA C210. Available upon request. Add 15% to list prices, please specify on purchase order and allow up to three weeks for shipment.
4. EPOXY INTERIOR COATING – Per AWWA C210. Available upon request. Add 15% to list prices, please specify on purchase order and allow up to three weeks for shipment.
5. OTHER COATINGS available upon request, FUSION BOND EPOXY, PROTECTO 401 and others. Call for pricing & lead times.
6. ADDITIONAL ITEMS – Many additional configurations are possible by assembling standard fittings. Please inquire if fittings required are not in this list.
7. CONNECTION LINKS – Are included in the price and shipped automatically with each SEB reducer, solid and tapped plugs, and spigot x flange adapters.
8. TERMS – F.O.B. Lynchburg, Virginia.

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON FITTINGS

Discount Category A

REPAIR COUPLING (KNOCK-ON)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	80040	\$ 34.00	6
2	80140	35.00	6
2½	80240	36.00	7
3	80340	59.00	10
4	80440	72.00	12
5	80540	107.00	17
6	80640	110.00	23
8	80840	126.00	33
10	81040	211.00	57
12	81240	\$317.00	71

TEE



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½ x 1½ x 1½	800000	\$ 73.00	9
2 x 2 x 1½	8010100	87.00	12
2 x 2 x 2	8010101	52.00	8
2 x 2 x 2½	8010102	148.00	9
2 x 2 x 3	8010103	157.00	10
2½ x 2½ x 1½	8020200	87.00	11
2½ x 2½ x 2	8020201	83.00	9
2½ x 2½ x 2½	8020202	58.00	10
2½ x 2½ x 3	8020203	122.00	12
3 x 2 x 2	8030101	171.00	13
3 x 2½ x 2½	8030202	179.00	11
3 x 3 x 1½	8030300	128.00	14
3 x 3 x 2	8030301	124.00	12
3 x 3 x 2½	8030302	129.00	12
3 x 3 x 3	8030303	103.00	14
4 x 4 x 1½	8040400	140.00	16
4 x 4 x 2	8040401	126.00	16
4 x 4 x 2½	8040402	129.00	17
4 x 4 x 3	8040403	132.00	18
4 x 4 x 4	8040404	134.00	21
6 x 6 x 2	8060601	166.00	25
6 x 6 x 2½	8060602	170.00	26
6 x 6 x 3	8060603	170.00	28
6 x 6 x 4	8060604	204.00	31
6 x 6 x 6	8060606	217.00	37
8 x 8 x 2	8080801	229.00	36
8 x 8 x 2½	8080802	233.00	36
8 x 8 x 3	8080803	217.00	39
8 x 8 x 4	8080804	309.00	44
8 x 8 x 6	8080806	312.00	51
8 x 8 x 8	8080808	314.00	61
10 x 10 x 4	8101004	552.00	70
10 x 10 x 6	8101006	\$458.00	79

TEE

(CONTINUED)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
10 x 10 x 8	8101008	\$ 472.00	89
10 x 10 x 10	8101010	485.00	109
12 x 12 x 4	8121204	548.00	116
12 x 12 x 6	8121206	452.00	100
12 x 12 x 8	8121208	521.00	112
12 x 12 x 10	8121210	1,035.00	214
12 x 12 x 12	8121212	\$ 791.00	147

Italicized bold product numbers are one piece casting or assembled with service tee and male adapter. Plain text indicates fitting assembled using tees and S.E.B. reducers. Tees may also be supplied using alternate components.

CROSS

(ALL GASKETED)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2½ x 2½ x 1½ x 1½	802150303	\$134.00	16
2½ x 2½ x 2 x 2	802150404	145.00	17
3 x 3 x 2 x 2	803150404	180.00	21
3 x 3 x 2½ x 2½	803150505	184.00	24
4 x 4 x 2 x 2	804150404	193.00	26
4 x 4 x 2½ x 2½	804150505	197.00	28
4 x 4 x 3 x 3	804150606	199.00	30
6 x 6 x 2 x 2	806150404	222.00	40
6 x 6 x 2½ x 2½	806150505	226.00	41
6 x 6 x 3 x 3	806150606	228.00	44
8 x 8 x 2 x 2	808150404	290.00	51
8 x 8 x 2½ x 2½	808150505	293.00	54
8 x 8 x 3 x 3	808150606	296.00	57
10 x 10 x 2 x 2	810150404	456.00	71
10 x 10 x 2½ x 2½	810150505	458.00	73
10 x 10 x 3 x 3	810150606	462.00	76
12 x 12 x 2 x 2	812150404	506.00	79
12 x 12 x 2½ x 2½	812150505	509.00	82
12 x 12 x 3 x 3	812150606	\$512.00	85

Any combination of outlets available; 1½", 2", 2½" and 3".

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON FITTINGS

Discount Category A

90° BEND (1/4 BEND)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	80020	\$ 55.00	7
2	80120	51.00	6
2½	80220	55.00	7
3	80320	73.00	10
4	80420	86.00	15
6	80620	171.00	27
8	80820	220.00	42
10	81020	421.00	77
12	81220	440.00	102
14	81420	665.00	230
16	81620	910.00	309
18	81820	\$3,273.00	482

11¼° BEND (1/32 BEND)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
4	80426	\$ 94.00	10
6	80626	142.00	21
8	80826	195.00	35
10	81026	393.00	56
12	81226	502.00	77
14	81426	552.00	180
16	81626	672.00	271
18	81826	\$2,599.00	209

45° BEND (1/8 BEND)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	80022	\$ 52.00	7
2	80122	50.00	5
2½	80222	51.00	6
3	80322	64.00	9
4	80422	79.00	13
6	80622	129.00	23
8	80822	202.00	37
10	81022	302.00	56
12	81222	434.00	75
14	81422	659.00	180
16	81622	803.00	266
18	81822	\$2,599.00	209

22½° BEND (1/16 BEND)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2½	80224	\$ 52.00	7
3	80324	65.00	8
4	80424	79.00	12
6	80624	109.00	21
8	80824	195.00	32
10	81024	365.00	51
12	81224	371.00	77
14	81424	571.00	180
16	81624	703.00	269
18	81824	\$2,451.00	209

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON FITTINGS

REDUCER – S.E.B. Small End Bell (SPIGOT x BELL) U.S. Patent #5,183,298



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2 x 1½	80130	\$ 74.00	9
2½ x 1½	80232	75.00	11
2½ x 2	80230	46.00	6
3 x 2	80332	46.00	7
3 x 2½	80330	52.00	8
4 x 2	80434	56.00	9
4 x 2½	80432	56.00	9
4 x 3	80430	58.00	10
6 x 2	80638	102.00	19
6 x 2½	80636	103.00	20
6 x 3	80634	89.00	14
6 x 4	80632	99.00	16
6 x 5	80628	91.00	16
8 x 2½	80838	122.00	26
8 x 3	80836	122.00	27
8 x 4	80834	117.00	21
8 x 6	80832	117.00	25
10 x 3	81036	130.00	31
10 x 4	81034	206.00	57
10 x 6	81032	206.00	42
10 x 8	81030	206.00	43
12 x 4	81236	302.00	67
12 x 6	81234	204.00	52
12 x 8	81232	204.00	55
12 x 10	81230	\$248.00	69

Two (2) links for each spigot side only of S.E.B. reducer are included in price and shipped automatically.

REDUCER – B x B (BELL x BELL)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2 x 1½	80130BB	\$119.00	13
2½ x 1½	80232BB	121.00	19
2½ x 2	80230BB	80.00	16
3 x 2	80332BB	99.00	17
3 x 2½	80330BB	106.00	17
4 x 2	80434BB	122.00	21
4 x 2½	80432BB	122.00	22
4 x 3	80430BB	124.00	23
6 x 2	80638BB	225.00	43
6 x 2½	80636BB	204.00	44
6 x 3	80634BB	204.00	38
6 x 4	80630	102.00	40
8 x 2½	80838BB	249.00	60
8 x 3	80836BB	240.00	61
8 x 4	80834BB	232.00	55
8 x 6	80830	138.00	58
10 x 6	81032BB	418.00	106
10 x 8	81030BB	418.00	107
12 x 6	81234BB	500.00	130
12 x 8	81232BB	500.00	134
12 x 10	81230BB	\$547.00	143

EXTRA LINKS



SIZE & TYPE	PART NUMBER	LIST PRICE	WEIGHT
1½" – 8"	82000	\$ 6.00	1.0
10" – 12"	82003	18.00	3.6
10" – 12" Transition*	82004	\$ 6.00	1.4

Links included in price of and automatically shipped with S.E.B.'s, flange adapters and plugs.

*Transition link used to assemble old style HARCO lug to new style thicker HARCO lug.

RETAINER CLIP



SIZE & TYPE	PART NUMBER	LIST PRICE	WEIGHT
Retainer Clip	82009	\$2.00	.3

Discount Category A

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON FITTINGS

Discount Category A

TAPPED TEE (Service Tee) (FEMALE NPT OUTLET)

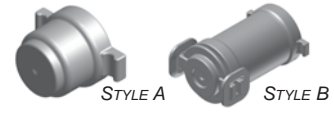


1½" - 8" 10" - 12"

SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½ x 1½	800503	\$ 51.00	8
2 x 1½	801503	40.00	6
2 x 2	801504	92.00	10
2½ x 2	802504	40.00	9
3 x 2	803504	81.00	9
4 x 2	804504	92.00	13
6 x 2	806504	121.00	16
8 x 2	808504	173.00	31
10 x 2	810504	345.00	66
12 x 2	812504	\$393.00	84

May be assembled. Other outlet sizes available.

CAP



STYLE A STYLE B

SIZE	PART NUMBER	LIST PRICE	WEIGHT	STYLE
1½	80066	\$ 68.00	4	A
2	80166	68.00	8	B
2½	80266	68.00	4	A
3	80366	94.00	17	B
4	80466	111.00	25	B
6	80666	149.00	40	B
8	80866	183.00	55	B
10	81066	276.00	97	B
12	81266	\$398.00	127	B

PLUG (SOLID X MALE END)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2	80155	\$ 36.00	5
2½	80255	37.00	6
3	80355	38.00	6
4	80455	46.00	12
6	80655	48.00	17
8	80855	68.00	20
10	81055	89.00	37
12	81255	\$106.00	51

Two (2) links for each plug are included in price and shipped automatically.

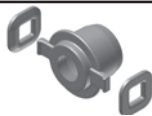
TAPPED CAP (FEMALE NPT X BELL)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2 x 1½	8016703	\$ 68.00	5
2½ x 2	8026704	69.00	6
3 x 2	8036704	95.00	6
4 x 2	8046704	111.00	12
6 x 2	8066704	149.00	16
8 x 2	8086704	183.00	20
10 x 2	8106704	276.00	36
12 x 2	8126704	\$400.00	51

3" Caps can be tapped to 2½, 4" - 8" caps can be tapped to 3", 10" - 12" caps can be tapped to 4".

TAPPED PLUG (FEMALE NPT X SPIGOT)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2 x 1½	8015603	\$ 49.00	5
2½ x 2	8025604	49.00	6
3 x 2	8035604	51.00	6
4 x 2	8045604	58.00	12
6 x 2	8065604	60.00	16
8 x 2	8085604	80.00	20
10 x 2	8105604	102.00	36
12 x 2	8125604	\$117.00	51

Two (2) links for each plug are included in price and shipped automatically.

3" Plugs can be tapped to 2½, 4" - 8" plugs can be tapped to 3", 10" - 12" plugs can be tapped to 4".

MALE ADAPTER (BELL X MALE NPT)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½ x 1½	80070	\$33.00	3
2 x 1½	80172	36.00	3
2 x 2	80170	36.00	4
2½ x 2	80272	41.00	3
2½ x 2½	80270	41.00	5
3 x 2½	80372	49.00	5
3 x 3	80370	49.00	6
4 x 4	80470	\$58.00	8

UTILITY PRICE LIST UD408 HARCO DEEP BELL DUCTILE IRON FITTINGS

Discount Category A

SPIGOT x FLANGE ADAPTER



SIZE	PART NUMBER	LIST PRICE*	WEIGHT
3	80360	\$ 83.00	13
4	80460	99.00	17
6	80660	143.00	24
8	80860	165.00	33
10	81060	329.00	71
12	81260	\$347.00	94

Two (2) links for each Spigot x Flange Adapter are included in price and shipped automatically.

FLANGE x BELL ADAPTER



SIZE	PART NUMBER	LIST PRICE*	WEIGHT	STYLE
3 x 3	80360FB	\$133.00	22	B
3 x 4	80360-04	203.00	35	B
4 x 4	80460FB	152.00	29	B
4 x 6	80460-06	291.00	57	B
6 x 6	80660FB	234.00	47	B
6 x 8	80660-08	368.00	93	B
8 x 8	80860FB	268.00	67	B
8 x 10	80860-10	584.00	141	B
10 x 10	81060FB	495.00	56	A
10 x 12	81060-12	858.00	216	B
12 x 12	81260FB	\$605.00	76	A

FLANGE OUTLET TEE (BELL x BELL x FLANGE)



SIZE	PART NUMBER	LIST PRICE*	WEIGHT
3 x 3	80300F	\$ 181.00	27
4 x 4	80400F	216.00	39
6 x 4	80601F	296.00	49
6 x 6	80600F	352.00	62
8 x 6	80801F	452.00	76
8 x 8	80800F	470.00	94
10 x 6	81002F	608.00	111
10 x 8	81001F	641.00	130
10 x 10	81000F	793.00	180
12 x 6	81203F	596.00	128
12 x 8	81202F	690.00	145
12 x 12	81200F	\$1,113.00	240

*Flange gaskets and bolts not included.

**Each kit contains 1/8" red rubber full face gasket and zinc plated bolts and nuts.

WYE (BELL x BELL x BELL)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	80010B	\$ 94.00	10
2	80110B	106.00	12
2½	80210B	115.00	16
3	80310B	\$157.00	24

Wyes may be configured for any size gasketed outlet up to run diameter.

WYE (BELL x BELL x FEMALE NPT)



SIZE	PART NUMBER	LIST PRICE	WEIGHT	MAX TAP SIZE
1½	80010	\$ 63.00	7	1½
2	80110	69.00	8	2
2½	80210	76.00	12	2½
3	80310	\$118.00	18	3

Wyes may be configured for any size thread outlet from 1¼ to maximum tape size shown. Please specify thread tap size required.

REPLACEMENT PUSH-ON JOINT GASKETS



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	851015	\$ 3.00	.1
2	85102	3.00	.1
2½	851025	3.00	.1
3	85103	4.00	.1
4	85504	4.00	.2
6	85506	6.00	.4
8	85508	9.00	.7
10	85510	22.00	1.2
12	85512	\$24.00	1.8

FLANGE ACCESSORIES



SIZE	PART NUMBER	LIST PRICE**	WEIGHT
3	856031	\$ 11.00	2
4	856041	14.00	4
6	856061	22.00	6
8	856081	23.00	6
10	856101	50.00	13
12	856121	55.00	14
14	856141	66.00	15
16	856161	88.00	26
18	856181	\$122.00	40

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HARCO DEEP BELL DUCTILE IRON FITTINGS

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Discount Category A

SADDLE – THREADED OUTLET (FEMALE NPT)



SIZE	PART NUMBER	LIST PRICE	WEIGHT
3 x 1*	803802	\$44.00	5
3 x 1½*	803803	44.00	5
3 x 2	803804	44.00	4
3 x 2½	803805	51.00	4
4 x 1*	804802	52.00	5
4 x 1½*	804803	52.00	5
4 x 2	804804	52.00	5
4 x 2½	804805	59.00	4
6 x 1*	806802	56.00	6
6 x 1½*	806803	56.00	6
6 x 2	806804	56.00	5
6 x 2½	806805	63.00	5
8 x 1*	808802	63.00	7
8 x 1½*	808803	63.00	7
8 x 2	808804	63.00	6
8 x 2½	808805	69.00	6
10 x 1½*	810803	71.00	8
10 x 2	810804	71.00	6
10 x 2½	810805	78.00	6
12 x 1½*	812803	79.00	8
12 x 2	812804	79.00	7
12 x 2½	812805	\$86.00	7

SWIVEL EXTENSION MALE SWIVEL x FEMALE SWIVEL



RISE	PART NUMBER	LIST PRICE	WEIGHT
6	87106	\$25.00	6
12	87112	41.00	11
24	87124	\$49.00	22

SWIVEL TEE



SIZE	PART NUMBER	LIST PRICE	WT.
2	8015405	\$105.00	23
2½	8025405	42.00	10
3	8035405	86.00	12
4	8045405	98.00	16
6	8065405	128.00	26
8	8085405	183.00	35
10	8105405	366.00	62
12	8125405	416.00	79
14	8145405	749.00	153
16	8165405	\$968.00	189

*Produced using 2" NPT with 2" x 1½" or 2" x 1" Ductile Iron bushing, installed and sealed at factory.

LATERAL NIPPLE – MALE NPT x MALE SWIVEL



SIZE x RISE	WEIGHT	Standard		1" Side Outlet		1" Side Outlet - Plugged	
		PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
2 x 8	4	8720808	\$30.00	87208082	\$34.00	87208082P	\$36.00
2 x 12	6	8721208	33.00	87212082	36.00	87212082P	38.00
2 x 14	6	8721408	38.00	87214082	42.00	87214082P	44.00
2 x 18	8	8721808	48.00	87218082	51.00	87218082P	53.00
2½ x 8	4	8720810	34.00	87208102	37.00	87208102P	40.00
3 x 10	5	8721012	\$38.00	87210122	\$42.00	87210122P	\$44.00

LATERAL 90° – MALE NPT x MALE SWIVEL



SIZE x RISE	WEIGHT	Standard		1" Side Outlet		1" Side Outlet - Plugged	
		PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
1½ x 6	4	80086	\$40.00	800862	\$43.00	800862P	\$45.00
2 x 6	5	80186	42.00	801862	45.00	801862P	48.00
2 x 12	7	8018612	56.00	80186122	59.00	80186122P	61.00
2½ x 6	5	80286	45.00	802862	49.00	802862P	51.00
3 x 7	6	80386	\$48.00	803862	\$51.00	803862P	\$53.00

HARRINGTON CORPORATION • P.O. BOX 10335 • LYNCHBURG, VIRGINIA 24506-0335

PHONE: 434-845-7094 • FAX: 434-845-8562 • E-MAIL: sales@harcofittings.com • WEB: www.harcofittings.com

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON JOINT RESTRAINT

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Discount Category C

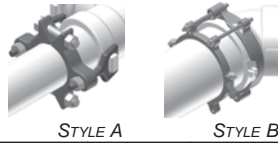
KNUCKLE RESTRAINT

Patent Pending



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	60-100-01	\$20.00	1.9
2	60-100-02	22.00	2.5
2½	60-100-25	24.00	3.2
3	60-100-03	28.00	3.4
4	60-100-04	\$64.00	5.8

FITTING TO PIPE RESTRAINT

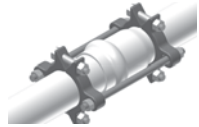


SIZE	PART NUMBER	LIST PRICE	WEIGHT	STYLE
2	820110	\$ 49.00	4	A
2½	820210	53.00	4	A
3	820310	58.00	5	A
4	820410	75.00	8	A
6	820610	98.00	10	A
8	820810	132.00	15	A
10	821010	178.00	51	B
12	821210	\$237.00	66	B

Style A price is for one (1) set including one (1) clamp and bolt set, and two (2) eye bolts with nuts.

Style B price is for one (1) set including one (1) clamp and bolt set, one (1) backup ring, and four (4) restraint rods with nuts.

PIPE TO PIPE RESTRAINT, STYLE A



SIZE	PART NUMBER	LIST PRICE	WEIGHT
2	820115	\$ 59.00	7
2½	820215	73.00	7
3	820315	111.00	10
4	820415	136.00	14
6	820615	178.00	18
8	820815	224.00	26
10	821015	420.00	47
12	821215	\$532.00	52

Price is for one (1) complete set consisting of two (2) clamp and bolt sets and two (2) restraint rods with nuts.

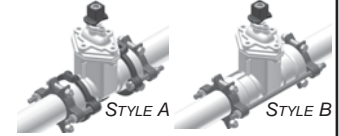
FITTING TO PIPE RESTRAINT, STYLE D



SIZE	PART NUMBER	LIST PRICE	WEIGHT
6	820611	\$ 98.00	12
8	820811	132.00	16
10	821011	178.00	29
12	821211	\$237.00	38

Price is for one (1) set consisting of two (2) clamp halves and four (4) clamp bolts with nuts.

VALVE TO PIPE RESTRAINT



SIZE	PART NUMBER	LIST PRICE	WEIGHT	STYLE
2	820125	\$157.00	7	B
2½	820225	171.00	7	B
3	820325	178.00	10	A
4	820425	209.00	14	A
6	820625	258.00	18	A
8	820825	325.00	26	A
10	821025	436.00	47	B
12	821225	\$547.00	52	B

Style A price is for one (1) set including two (2) clamp and bolt sets, two (2) backup rings, and four (4) T-bolts with nuts.

Style B price is for one (1) set including two (2) clamp and bolt sets, and two (2) restraint rods with nuts.

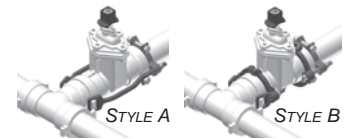
VALVE TO FITTING RESTRAINT



SIZE	PART NUMBER	LIST PRICE	WEIGHT
3	820320	\$41.00	5
4	820420	53.00	7
6	820620	60.00	8
8	820820	\$72.00	11

Price is for one (1) set including backup ring and two (2) eye bolts with nuts.

FITTING TO VALVE TO PIPE RESTRAINT



SIZE	PART NUMBER	LIST PRICE	WEIGHT	STYLE
2	820121	\$142.00	6	A
2½	820221	147.00	6	A
3	820321	151.00	8	B
4	820421	166.00	10	B
6	820621	193.00	14	B
8	820821	222.00	22	B
10	821021	288.00	50	A
12	821221	\$348.00	60	A

Style A price is for one (1) set including one (1) clamp and bolt set, and two (2) eye bolts with nuts.

Style B price is for one (1) set including two (2) backup rings, one (1) clamp and bolt set, two (2) eye bolts with nuts and two (2) T-bolts with nuts.

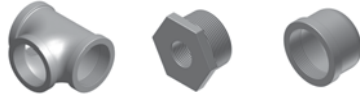
Valve restraints fit the following brands: American Flow Control, AVK, Clow, Kennedy, Matco-Norca, M&H, Nibco, Waterous.

UTILITY PRICE LIST UD408

HARCO DEEP BELL DUCTILE IRON THREADED FITTINGS

Discount Category D

THREADED FITTINGS



SIZE AND TYPE	PART NUMBER	LIST PRICE	WEIGHT
1½ Tee	88115	\$12.00	2
2 Tee	88120	18.00	3
2½ Tee	88125	40.00	5
3 Tee*	88130	51.00	7
1¼ x 1 Bushing	8851210	5.00	1
1½ x 1 Bushing	8851510	5.00	1
1½ x 1¼ Bushing	8851512	6.00	1
2 x 1 Bushing	8852010	6.00	1
2 x 1¼ Bushing	8852012	6.00	1
2 x 1½ Bushing	8852015	6.00	1
2½ x 1½ Bushing*	8852515	9.00	1
2½ x 2 Bushing*	8852520	9.00	1
3 x 2 Bushing*	8853020	11.00	1
3 x 2½ Bushing*	8853025	10.00	2
1½ Cap	88403	9.00	1
2 Cap	88404	11.00	1
2½ Cap	88405	27.00	2
3 Cap*	88406	\$36.00	3

Threaded fittings are ductile iron with the exception of those with an asterisk (*) which are malleable iron.

**NIPPLE – DUCTILE IRON
(THREAD X THREAD)**



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½ x 4	87015-04	\$13.00	2
1½ x 6	87015-06	17.00	3
1½ x 8	87015-08	19.00	4
1½ x 10	87015-10	22.00	5
1½ x 12	87015-12	25.00	5
1½ x 14	87015-14	27.00	6
1½ x 16	87015-16	30.00	7
1½ x 18	87015-18	33.00	8
1½ x 20	87015-20	35.00	9
2 x 3	87020-03	17.00	2
2 x 4	87020-04	17.00	2
2 x 6	87020-06	19.00	3
2 x 8	87020-08	22.00	5
2 x 10	87020-10	25.00	6
2 x 12	87020-12	28.00	7
2 x 14	87020-14	33.00	8
2 x 16	87020-16	36.00	9
2 x 18	87020-18	38.00	10
2 x 20	87020-20	42.00	12
2 x 24	87020-24	51.00	14
2 x 30	87020-30	61.00	18
2 x 36	87020-36	\$72.00	21

T.O.E. (Threaded One End x plain end) Nipples available, same as above, nonstock, allow one extra week for delivery.

**LATERAL 90°
MALE NPT x MALE NPT**



SIZE	PART NUMBER	LIST PRICE	WEIGHT
1½	80088	\$49.00	5
2	80188	50.00	7
2½	80288	58.00	8
3	80388	\$60.00	9

THREADED FITTINGS



SIZE AND TYPE	PART NUMBER	LIST PRICE	WEIGHT
1½ Coupling	88015	\$ 7.00	1
2 Coupling	88020	10.00	1
2½ Coupling	88025	17.00	3
3 Coupling*	88030	20.00	3
1½ 90° Bend	88215	9.00	1
2 90° Bend	88220	12.00	2
2½ 90° Bend	88225	27.00	4
3 90° Bend*	88230	40.00	5
1½ 45° Bend	88315	12.00	1
2 45° Bend	88320	14.00	2
2½ 45° Bend	88325	34.00	3
3 45° Bend*	88330	45.00	5
1 Plug	88102	4.00	1
1½ Plug	88103	5.00	1
2 Plug	88104	6.00	1
2½ Plug*	88105	7.00	1
3 Plug*	88106	9.00	2
1½ Union	88615	33.00	2
2 Union	88620	42.00	3
2½ Union*	88625	76.00	4
3 Union*	88630	\$92.00	5

**NIPPLE – DUCTILE IRON
(THREAD X THREAD)**




SIZE	PART NUMBER	LIST PRICE	WEIGHT
2½ x 4	87025-04	\$18.00	3
2½ x 6	87025-06	21.00	4
2½ x 8	87025-08	25.00	6
2½ x 10	87025-10	28.00	7
2½ x 12	87025-12	36.00	9
2½ x 14	87025-14	36.00	10
2½ x 16	87025-16	40.00	11
2½ x 18	87025-18	44.00	13
2½ x 20	87025-20	48.00	14
3 x 4	87030-04	19.00	4
3 x 6	87030-06	23.00	5
3 x 8	87030-08	27.00	7
3 x 10	87030-10	33.00	9
3 x 12	87030-12	41.00	11
3 x 14	87030-14	41.00	13
3 x 16	87030-16	45.00	14
3 x 18	87030-18	50.00	16
3 x 20	87030-20	\$55.00	18


UTILITY PRICE LIST UD408
HARCO DUCTILE IRON SEWER FITTINGS
FOR SDR 35 & SDR 26 PVC D3034 PVC SEWER PIPE

Discount Category F


WYE (GxGxG) (3034 GASKET BELL x 3034 GASKET BELL x 3034 GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4 x 4	21	280122-0404	\$ 94.00	280122-0404C	\$ 99.00	280122-0404T	\$109.00	280122-0404P	\$266.00
	6 x 4	30	280122-0604	132.00	280122-0604C	138.00	280122-0604T	152.00	280122-0604P	304.00
	6 x 6	39	280122-0606	164.00	280122-0606C	173.00	280122-0606T	189.00	280122-0606P	336.00
	8 x 4	44	280122-0804	182.00	280122-0804C	191.00	280122-0804T	210.00	280122-0804P	355.00
	8 x 6	54	280122-0806	\$239.00	280122-0806C	\$251.00	280122-0806T	\$275.00	280122-0806P	\$411.00


TEE-WYE (GxGxG) (3034 GASKET BELL x 3034 GASKET BELL x 3034 GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	6 x 4	28	280522-0604	\$121.00	280522-0604C	\$128.00	280522-0604T	\$140.00	280522-0604P	\$294.00
	8 x 4	41	280522-0804	168.00	280522-0804C	178.00	280522-0804T	194.00	280522-0804P	341.00
	8 x 6	49	280522-0806	\$213.00	280522-0806C	\$225.00	280522-0806T	\$245.00	280522-0806P	\$386.00


TEE-WYE (GxGxG) (3034 GASKET BELL x 3034 GASKET BELL x DI-OD GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	41	280523-0804	\$224.00	280523-0804C	\$235.00	280523-0804T	\$258.00	280523-0804P	\$569.00
	8 x 6	49	280523-0806	248.00	280523-0806C	260.00	280523-0806T	286.00	280523-0806P	420.00

90° BEND (GxG) (3034 GASKET BELL x 3034 GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	13	282022-040	\$56.00	282022-040C	\$ 59.00	282022-040T	\$ 65.00	282022-040P	\$228.00
	6	23	282022-060	95.00	282022-060C	101.00	282022-060T	110.00	282022-060P	267.00

45° BEND (GxG) (3034 GASKET BELL x 3034 GASKET BELL)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	11	282222-040	\$50.00	282222-040C	\$53.00	282222-040T	\$ 58.00	282222-040P	\$222.00
	6	20	282222-060	90.00	282222-060C	95.00	282222-060T	104.00	282222-060P	263.00

*(Flange gaskets and bolts not included.)


UTILITY PRICE LIST UD408
HARCO DUCTILE IRON SEWER FITTINGS
FOR SDR 35 & SDR 26 PVC D3034 SEWER PVC PIPE

Discount Category F


45° BEND (GxS) (3034 GASKET BELL x 3034 SPIGOT PLAIN END)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	11	282322-040	\$50.00	282322-040C	\$53.00	282322-040T	\$58.00	282322-040P	\$222.00
6	20	282322-060	90.00	282322-060C	95.00	282322-060T	104.00	282322-060P	263.00	

45° BEND (GxG) (3034 GASKET BELL x DI-OD GASKET BELL)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	11	282223-040	\$105.00	282223-040C	\$111.00	282223-040T	\$121.00	282223-040P	\$511.00
6	20	282223-060	111.00	282223-060C	117.00	282223-060T	128.00	282223-060P	283.00	

CONCENTRIC INCREASER (GxS) (3034 GASKET BELL x 3034 SPIGOT PLAIN END)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4 x 6	11	2816-0406	\$44.00	2816-0406C	\$46.00	2816-0406T	\$51.00	2816-0406P	\$217.00

ADAPTER (GxG) (3034 GASKET BELL x DI-OD GASKET BELL)


Blank List Price; product in development, call for availability

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	6	20	2837-060	\$ 96.00	2837-060C	\$102.00	2837-060T	\$111.00	2837-060P	\$268.00
8	32	2837-080	149.00	2837-080C	157.00	2837-080T	172.00	2837-080P	321.00	
10		2837-100		2837-100C		2837-100T		2837-100P		
12		2837-120		2837-120C		2837-120T		2837-120P		

ADAPTER (SxG) (3034 SPIGOT PLAIN END x DI-OD GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	11	2836-040	\$56.00	2836-040C	\$ 59.00	2836-040T	\$ 65.00	2836-040P	\$228.00
6	18	2836-060	95.00	2836-060C	101.00	2836-060T	110.00	2836-060P	267.00	

ADAPTER (SxG) (3034 SPIGOT PLAIN END x DWV GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	8	2835-040	\$37.00	2835-040C	\$40.00	2835-040T	\$43.00	2835-040P	\$210.00
6	15	2835-060	61.00	2835-060C	65.00	2835-060T	71.00	2835-060P	234.00	


UTILITY PRICE LIST UD408

HARCO DUCTILE IRON SEWER FITTINGS


FOR DI-OD DUCTILE IRON PIPE & C900 PVC PIPE

Discount Category F


WYE (GxGxG) (DI-OD GASKET BELL x DI-OD GASKET BELL x DI-OD GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	64	280133-0804	\$306.00	280133-0804C	\$322.00	280133-0804T	\$352.00	280133-0804P	\$497.00
	8 x 6	76	280133-0806	342.00	280133-0806C	359.00	280133-0806T	394.00	280133-0806P	687.00


WYE (GxGxG) (DI-OD GASKET BELL x DI-OD GASKET BELL x 3034 GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	69	280132-0804	\$291.00	280132-0804C	\$306.00	280132-0804T	\$339.00	280132-0804P	\$636.00
	8 x 6	58	280132-0806	248.00	280132-0806C	260.00	280132-0806T	286.00	280132-0806P	420.00


WYE (GxGxG) (DI-OD GASKET BELL x DI-OD GASKET BELL x DWV GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	62	280131-0804	\$287.00	280131-0804C	\$302.00	280131-0804T	\$331.00	280131-0804P	\$479.00
	8 x 6	73	280131-0806	309.00	280131-0806C	325.00	280131-0806T	356.00	280131-0806P	654.00

TEE-WYE (GxGxG) (DI-OD GASKET BELL x DI-OD GASKET BELL x 3034 GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	74	280532-0804	\$291.00	280532-0804C	\$306.00	280532-0804T	\$335.00	280532-0804P	\$636.00
	8 x 6	63	280532-0806	248.00	280532-0806C	260.00	280532-0806T	286.00	280532-0806P	420.00

TEE (GxGxG) (DI-OD GASKET BELL x DI-OD GASKET BELL x DI-OD GASKET BELL)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	8 x 4	93	Call for Availability		281233-0804C	\$264.00	Call for Availability			
	8 x 6	103			281233-0806C	268.00				
8 x 8	109	281233-0808C			\$308.00					

UTILITY PRICE LIST UD408
HARCO DUCTILE IRON SEWER FITTINGS
FOR DI-OD DUCTILE IRON PIPE & C900 PVC PIPE

PRICE LIST UD408
 EFFECTIVE APRIL 1, 2008
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Discount Category F

90° BEND (GxG) (DI-OD GASKET BELL X DI-OD GASKET BELL)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	26	Call for Availability		282033-040C	\$ 94.00	Call for Availability			
6	44	282033-060C			149.00					
8	71	282033-080C			\$233.00					

45° BEND (GxG) (DI-OD GASKET BELL X DI-OD GASKET BELL)

Blank List Price; product in development, call for availability


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	22	Call for Availability		282233-040C	\$ 87.00	Call for Availability			
6	38	282233-060		282233-060C	125.00	282233-060T		282233-060P		
8	54	Call for Availability		282233-080C	\$197.00	Call for Availability				

45° BEND (GxS) (DI-OD GASKET BELL X DI-OD SPIGOT PLAIN END)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	15	282333-040	\$78.00	282333-040C	\$ 82.00	282333-040T	\$90.00	282333-040P	\$247.00
6	34	Call for Availability		282333-060C	236.00	Call for Availability				
8	48			282333-080C	286.00					

ADAPTER (GxG) (DI-OD GASKET BELL X 3034 GASKET BELL)

Blank List Price; product in development, call for availability

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	6	20	2837-060	\$ 96.00	2837-060C	\$102.00	2837-060T	\$111.00	2837-060P	\$268.00
8	32	2837-080	149.00	2837-080C	157.00	2837-080T	172.00	2837-080P	321.00	
10	51	2837-100		2837-100C		2837-100T		2837-100P		
12	67	2837-120		2837-120C		2837-120T		2837-120P		

ADAPTER (GxS) (DI-OD GASKET BELL X 3034 SPIGOT PLAIN END)


			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	11	2836-040	\$56.00	2836-040C	\$ 59.00	2836-040T	\$ 65.00	2836-040P	\$228.00
6	18	2836-060	95.00	2836-060C	101.00	2836-060T	110.00	2836-060P	267.00	

UTILITY PRICE LIST UD408
HARCO DUCTILE IRON SEWER FITTINGS
FOR DWV (Drain Waste Vent) PVC PIPE & IPS PVC PIPE


Discount Category F

ADAPTER (SxG) (DI-OD SPIGOT PLAIN END X 3034 GASKET BELL)


Blank List Price; product in development, call for availability

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	6	18	2834-060		2834-060C		2834-060T		2834-060P	
	8	26	2834-080	\$149.00	2834-080C	\$157.00	2834-080T	\$172.00	2834-080P	\$321.00
	10	39	2834-100		2834-100C		2834-100T		2834-100P	
	12	54	2834-120		2834-120C		2834-120T		2834-120P	


90° BEND (GxG) (DWV GASKET BELL X DWV GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	15	80420	\$ 86.00	80420C	\$ 90.00	80420T	\$ 99.00	80420P	\$258.00
	6	27	80620	171.00	80620C	180.00	80620T	197.00	80620P	343.00

45° BEND (GxG) (DWV GASKET BELL X DWV GASKET BELL)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	13	80422	\$ 79.00	80422C	\$ 83.00	80422T	\$ 91.00	80422P	\$251.00
	6	23	80622	129.00	80622C	136.00	80622T	149.00	80622P	302.00

45° BEND (GxS) (DWV GASKET BELL X DWV SPIGOT PLAIN END)

			Bituminous Coating (Standard, Inside & Out)		Cement Lining (Inside Only)		Coal Tar Epoxy Lining (Inside Only)		Protecto 401 Lining (Inside Only)	
	SIZE	WT	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE	PART NUMBER	LIST PRICE
	4	14	282311-040	\$61.00	282311-040C	\$65.00	282311-040T	\$71.00	282311-040P	\$230.00

Conditions of Sale

RETURNS: All returned merchandise must have authorization from Harco. Returned merchandise will only be accepted within one (1) year of the date of invoice. Merchandise must be in new and marketable condition. Freight charges on authorized returns must be prepaid and a restocking charge will be made except for returns resulting from shipping errors on our part or material proven to be defective.

CLAIMS: All claims for damage or shortage in transit shall be handled with the carrier by the consignee.

GUARANTEE: The Harrington Corporation (Seller) guarantees to credit against invoice price or, at its option, to furnish, but not to install, replacement parts of like kind, F.O.B. its plant, Lynchburg, Virginia, any item of its manufacture proved to be defective in material or workmanship within one (1) year from date of shipment provided Buyer (or Purchaser) gives immediate written notice of such alleged defect and, if required, returns defective item to Seller's plant freight prepaid. Items or components not of Seller's manufacture are not included in the foregoing guarantee but are subject only to any warranty of their respective manufacturers. Seller shall not be liable for the cost of any repairs or work done or materials used by the Buyer because of defective or non-conforming items, unless authorized in writing by Seller. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY BREACH OF THIS GUARANTEE unless applicable federal or state law forbids exclusion of incidental or consequential damages.

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PRICES: Subject to change without notice. Possession of price sheets does not constitute an obligation to sell and orders may be refused without cause.



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3721 Cohen Place
Lynchburg, VA 24501-5047

PHONE: 434.845.7094
FAX: 434.845.8562
EMAIL: sales@harcofittings.com