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Quality Waterworks Products

LP2015-P401

Effective: December 1, 2016

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Protecto 401
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PROTECTO 401
C153 MJ FITTINGS

LP2015-P401

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ 90 BEND			
03"	19	213	384
04"	25	255	435
06"	42	399	671
08"	67	557	950
10"	101	784	1,471
12"	132	1,002	2,022
14"	204	1,454	3,305
16"	260	1,772	4,098
18"	342	2,117	5,426
20"	456	2,638	6,502
24"	636	3,748	9,937
30"	1163	6,157	20,390
36"	1679	9,206	31,298
42"	2381	15,329	55,046
48"	3175	20,145	73,037

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ 45 BEND			
03"	16	202	376
04"	22	236	393
06"	38	366	600
08"	58	506	830
10"	82	676	1,128
12"	111	905	1,717
14"	157	1,246	2,712
16"	194	1,498	3,317
18"	234	1,744	4,237
20"	341	2,111	4,947
24"	450	2,779	6,945
30"	887	5,340	16,454
36"	1205	7,493	24,856
42"	1675	11,243	39,311
48"	2196	14,475	51,188

C153 MJ X PE 90 BEND			
03"	16	278	331
04"	26	278	457
06"	45	437	671
08"	65	605	1,099
10"	88	854	1,685
12"	114	1,079	1,850
16"	184	2,403	4,716
18"	385	3,600	POA
20"	416	4,284	8,629
24"	595	4,412	9,951

C153 MJ X PE 45 BEND			
03"	13	240	331
04"	21	240	393
06"	37	382	613
08"	57	555	839
10"	70	753	1,365
12"	98	991	1,740
16"	184	1,619	3,158
18"	270	3,090	POA
20"	315	3,206	6,074
24"	430	3,274	7,100

C153 MJ X FLG 90 BEND			
03"	21	271	379
04"	28	271	457
06"	46	444	739
08"	71	684	1,196
10"	121	1,003	1,750
12"	155	1,356	2,363
16"	275	2,343	5,154
36"	1014	POA	POA

C153 MJ X FLG 45 BEND			
03"	-	POA	POA
04"	25	285	493
06"	37	423	811
08"	71	665	1,005
10"	122	963	1,394
12"	159	1,338	1,996
14"	207	1,867	4,176
16"	311	2,334	4,953

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ 22.5 BEND			
03"	15	233	270
04"	20	233	384
06"	36	354	571
08"	48	502	820
10"	65	675	1,109
12"	82	847	1,539
14"	132	1,254	2,737
16"	170	1,462	3,211
18"	231	1,735	4,208
20"	349	2,194	5,196
24"	459	2,713	6,731
30"	722	4,717	POA
36"	974	6,543	POA
42"	1367	9,454	POA
48"	1801	12,188	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ 11.25 BEND			
03"	14	228	270
04"	18	228	364
06"	31	358	580
08"	44	484	782
10"	59	673	1,134
12"	74	820	1,488
14"	114	1,359	2,793
16"	150	1,511	3,211
18"	230	2,019	4,545
20"	355	2,108	4,682
24"	459	2,714	6,285
30"	645	4,783	POA
36"	887	6,354	POA
42"	1162	9,184	POA
48"	1574	12,116	POA

C153 MJ x FLG TEE			
04x03"	34	358	571
04"	39	337	626
06x04"	54	533	914
06"	67	520	898
08x04"	74	646	1,099
08x06"	86	657	1,157
08"	101	758	1,513
10x06"	107	986	1,779
10x08"	115	1,074	1,937
10"	144	1,222	2,148
12x04"	115	1,133	1,892
12x06"	117	1,140	1,899
12x08"	138	1,216	2,216
12"	198	1,553	2,809
16x06"	224	1,867	3,738
16x10"	330	2,439	5,086
20x06"	360	2,913	6,194
24x06"	406	3,373	7,350
24x14"	572	POA	POA
30x06"	805	6,397	POA
30x14"	715	POA	POA
30x20"	1187	POA	POA

C153 MJ TAPPED TEE			
04x2"	23	333	542
06x2"	37	440	736
08x2"	53	657	1,044
10x2"	130	1,153	1,319
12x2"	165	1,427	1,591
16x2"	177	1,653	3,247

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C153 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ TEE			
03"	28	290	460
04x03"	30	290	499
04"	32	290	519
06x03"	42	424	691
06x04"	46	463	788
06"	56	483	850
08x03"	52	620	940
08x04"	60	574	959
08x06"	72	619	1,086
08"	86	685	1,226
10x03"	75	794	1,371
10x04"	78	797	1,390
10x06"	90	786	1,582
10x08"	105	855	1,779
10"	120	926	1,960
12x03"	90	1,028	1,675
12x04"	94	968	1,776
12x06"	110	968	1,906
12x08"	125	1,051	1,984
12x10"	140	1,226	2,358
12"	160	1,223	2,443
14x06"	182	1,403	3,043
14x08"	206	1,524	3,359
14x10"	228	1,877	3,648
14x12"	234	1,984	3,874
14"	280	1,815	4,334
16x06"	228	1,678	3,832
16x08"	248	1,772	4,098
16x10"	264	2,157	4,426
16x12"	280	2,005	4,758
16x14"	316	2,666	5,287
16"	327	2,377	5,815
18x04"	271	2,228	POA
18x06"	275	2,209	5,368
18x08"	295	2,336	5,734
18x10"	315	2,489	5,443
18x12"	335	2,649	6,660
18x14"	380	3,432	6,910
18x16"	405	3,554	7,334
18"	435	3,252	8,422
20x06"	315	2,474	6,015
20x08"	345	2,515	6,135
20x10"	370	3,318	6,339
20x12"	395	2,939	7,383

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ TEE			
20x14"	440	3,696	8,393
20x16"	465	2,904	7,278
20x18"	505	4,560	9,494
20"	535	3,124	7,924
24x06"	415	2,974	7,440
24x08"	445	3,000	7,626
24x10"	470	3,729	8,240
24x12"	500	3,142	8,056
24x14"	550	4,513	9,569
24x16"	580	3,786	10,045
24x18"	625	4,744	10,090
24x20"	660	4,864	11,233
24"	720	4,479	12,580
30x06"	700	4,915	14,135
30x08"	739	5,419	15,638
30x12"	830	5,963	18,343
30x16"	959	6,733	20,986
30x18"	1085	9,588	20,892
30x20"	995	6,616	22,106
30x24"	1060	6,869	23,071
30"	1323	8,295	28,432
36x12"	1150	7,795	POA
36x16"	1350	8,316	POA
36x18"	1505	14,325	55,029
36x20"	1498	14,325	POA
36x24"	1498	9,187	31,217
36x30"	1555	10,435	35,924
36"	1900	12,113	42,246
42x12"	1410	16,980	POA
42x16"	2100	15,857	POA
42x18"	2195	18,139	POA
42x20"	2235	18,139	POA
42x24"	2270	14,829	POA
42x30"	2425	15,072	POA
42x36"	3000	18,838	POA
42"	3175	19,886	POA
48x06"	2155	25,606	POA
48x16"	2650	25,530	POA
48x20"	2500	27,680	POA
48x24"	2870	18,100	POA
48x30"	3050	30,795	POA
48x36"	3900	24,816	POA
48x42"	4100	29,233	POA
48"	4250	26,373	POA

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ WYE			
03"	36	382	516
04x03"	40	382	580
04"	45	382	707
06x04"	67	465	788
06"	93	578	1,037
08x04"	93	787	1,404
08x06"	113	707	1,608
08"	136	802	1,892
10x04"	118	1,196	1,822
10x06"	136	1,240	1,934
10x08"	170	1,317	2,307
10"	199	1,528	2,605
12x04"	150	1,707	2,579
12x06"	186	1,675	2,664
12x08"	188	1,823	2,757
12x10"	223	1,996	3,152
12"	272	1,823	3,447
14x06"	395	POA	POA
14x08"	410	5,647	POA
14"	465	3,025	6,926
16x06"	300	2,259	4,665
16x08"	327	2,546	5,338
16x10"	496	5,179	POA
16x12"	465	3,105	6,660
16"	575	3,647	7,930
18x04"	402	POA	POA
18x06"	408	POA	POA
18x10"	562	POA	POA
18"	622	POA	POA
24"	800	POA	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CROSS			
03"	35	457	490
04x03"	49	375	636
04"	40	457	720
06x04"	68	559	986
06"	75	600	1,176
08x04"	99	831	1,326
08x06"	108	689	1,482
08"	105	669	1,639
10x04"	98	915	1,575
10x06"	118	877	1,834
10x08"	138	1,032	2,003
10"	145	1,033	2,236
12x04"	100	1,120	1,909
12x06"	140	1,083	2,119
12x08"	162	1,180	2,243
12x10"	190	1,690	2,683
12"	213	1,610	2,854
14x06"	210	1,754	3,386
14x08"	259	1,920	3,939
14x10"	265	2,520	4,008
14x12"	270	3,078	4,192
14"	299	2,573	4,587
16x06"	250	1,989	4,030
16x08"	289	2,209	4,548
16x10"	345	2,706	5,287
16x12"	397	2,816	5,973
16x14"	390	POA	POA
16"	385	3,833	POA
18x06"	386	4,973	POA
18x12"	437	4,927	POA
18"	657	5,033	POA
20x06"	285	4,565	POA
20x08"	440	3,638	POA
20x12"	558	3,457	POA
20x18"	698	5,377	POA
20"	829	7,066	POA
24x06"	481	4,051	POA
24x08"	500	4,176	POA
24x12"	620	4,986	POA
24x16"	720	5,658	POA
24x18"	868	6,655	POA
24x20"	1014	7,638	POA
24"	1038	6,857	18,919

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CON RED BB			
04x03"	18	324	373
06x03"	22	339	532
06x04"	24	324	503
08x03"	30	474	POA
08x04"	32	436	720
08x06"	36	445	746
10x04"	46	599	872
10x06"	47	563	872
10x08"	50	582	911
12x04"	58	736	1,313
12x06"	58	699	1,277
12x08"	57	705	1,296
12x10"	61	734	1,264
14x06"	110	1,131	2,090
14x08"	110	1,131	2,090
14x10"	100	983	1,957
14x12"	100	979	1,957
16x06"	145	1,283	2,644
16x08"	140	1,237	2,576
16x10"	124	1,214	2,511
16x12"	112	1,191	2,447
16x14"	140	1,353	2,910
18x04"	152	1,634	POA
18x08"	190	1,685	3,197
18x10"	195	1,625	3,534
18x12"	180	1,563	3,460
18x14"	190	1,889	3,506
18x16"	195	1,616	3,622
20x06"	229	3,155	POA
20x08"	227	1,929	POA
20x10"	220	2,105	4,066
20x12"	205	1,736	3,858
20x14"	200	1,773	3,846
20x16"	200	1,659	3,626
20x18"	225	1,980	3,933
24x08"	263	3,752	POA
24x10"	305	4,244	POA
24x12"	305	2,416	5,822
24x14"	315	4,586	5,945
24x16"	320	2,476	6,006
24x18"	305	2,406	5,711
24x20"	300	2,771	5,837

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CON RED BB			
30x12"	705	7,169	POA
30x16"	732	4,566	POA
30x18"	628	4,697	POA
30x20"	478	4,505	POA
30x24"	1037	3,699	10,595
36x12"	1078	9,078	POA
36x16"	1078	5,923	POA
36x20"	975	6,597	POA
36x24"	846	5,507	17,387
36x30"	650	5,875	18,779
42x24"	1356	9,391	POA
42x30"	1083	8,193	POA
42x36"	1114	11,206	POA
48x24"	1700	11,376	POA
48x30"	1779	13,378	POA
48x36"	1641	11,206	POA
48x42"	1462	16,016	POA

PROTECTO 401
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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CON RED SEB			
04x03"	17	230	390
06x03"	24	367	542
06x04"	25	328	532
08x04"	30	469	704
08x06"	35	457	713
10x04"	43	611	983
10x06"	46	617	911
10x08"	42	638	940
12x04"	60	788	1,245
12x06"	58	806	1,209
12x08"	54	725	1,254
12x10"	59	784	1,245
14x06"	100	1,168	2,051
14x08"	98	1,204	2,051
14x10"	94	1,240	1,879
14x12"	90	1,277	1,879
16x06"	125	1,384	2,566
16x08"	121	1,339	2,498
16x10"	105	1,348	2,472
16x12"	109	1,283	2,366
16x14"	126	1,412	2,391
18x08"	170	1,525	3,285
18x10"	165	1,571	3,344
18x12"	150	1,582	3,373
18x14"	175	1,735	3,386
18x16"	170	2,179	3,460
20x08"	205	POA	POA
20x10"	200	2,204	4,286
20x12"	170	1,777	3,638
20x14"	190	1,992	3,816
20x16"	185	1,871	3,858
20x18"	200	2,443	4,137
24x08"	290	POA	POA
24x12"	275	2,569	5,145
24x14"	310	2,127	5,860
24x16"	285	2,630	5,390
24x18"	300	2,978	5,870
24x20"	270	4,133	5,254
30x24"	495	5,562	POA
36x16"	620	7,129	19,843
36x20"	874	7,418	19,230

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CON RED SEB			
36x24"	746	6,228	POA
36x30"	725	7,245	POA
42x30"	931	8,580	POA
C153 MJ CON RED LEB			
04x03"	18	245	373
06x03"	19	359	532
06x04"	25	384	571
08x04"	34	474	704
08x06"	32	444	730
10x04"	43	607	911
10x06"	42	617	911
10x08"	50	643	953
12x04"	60	867	1,277
12x06"	58	775	1,268
12x08"	55	788	1,254
12x10"	59	800	1,268
14x06"	104	1,008	2,116
14x08"	98	1,035	2,064
14x10"	92	1,064	1,957
14x12"	92	1,092	2,566
16x06"	136	1,457	2,815
16x08"	128	1,513	2,815
16x10"	123	1,384	2,725
16x12"	108	1,207	2,948
16x14"	132	1,429	3,078
18x08"	145	1,676	3,680
18x10"	155	1,734	3,534
18x12"	175	1,735	3,386
18x14"	190	1,954	3,606
18x16"	190	1,839	3,606
20x10"	210	2,089	4,095
20x12"	205	2,514	4,008
20x14"	205	2,060	3,916
20x16"	200	2,497	3,978
20x18"	230	2,160	POA
24x12"	290	2,660	5,698
24x14"	315	2,868	5,945
24x16"	285	2,630	5,666
24x20"	283	4,556	POA

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ PLUG			
03"	6	153	250
04"	9	178	331
06"	21	294	513
08"	29	411	704
10"	42	634	892
12"	57	684	1,070
14"	76	965	2,090
16"	104	1,190	2,592
18"	164	1,435	3,386
20"	153	1,799	4,050
24"	202	2,413	5,666
30"	548	4,386	POA
36"	884	6,537	POA
42"	1091	8,887	POA
48"	1455	11,988	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ PLUG 2" TAP			
03x2"	6	242	348
04x2"	9	242	429
06x2"	21	357	610
08x2"	29	476	800
10x2"	42	699	989
12x2"	57	748	1,167
14x2"	76	1,052	2,285
16x2"	100	1,279	2,787
18x2"	164	1,546	3,579
20x2"	153	1,909	4,244
24x2"	202	2,523	5,860
30x2"	548	4,551	POA
36x2"	884	6,702	POA
42x2"	1091	9,547	POA
48x2"	1455	12,383	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CAP			
03"	8	137	250
04"	10	168	299
06"	19	268	432
08"	27	385	613
10"	36	485	820
12"	45	650	1,011
14"	85	748	1,605
16"	93	939	2,022
18"	122	1,114	2,579
20"	162	1,365	3,023
24"	202	1,795	4,144
30"	345	3,535	POA
36"	853	6,006	POA
42"	893	8,820	POA
48"	1076	10,567	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ CAP 2" TAP			
03x2"	8	199	348
04x2"	10	232	396
06x2"	19	332	529
08x2"	27	450	710
10x2"	36	550	917
12x2"	45	715	1,109
14x2"	85	837	1,798
16x2"	93	1,028	2,216
18x2"	122	1,224	2,773
20x2"	162	1,474	3,217
24x2"	202	1,906	4,337
30x2"	345	3,700	POA
36x2"	853	6,169	POA
42x2"	893	9,291	POA
48x2"	1076	10,788	POA

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ SLEEVE LP			
03"	16	236	337
04"	24	236	415
06"	40	382	623
08"	54	559	820
10"	71	684	1,137
12"	84	868	1,468
14"	131	1,162	2,475
16"	163	1,406	3,052
18"	207	1,710	3,900
20"	251	2,002	4,636
24"	322	2,551	6,239
30"	761	4,600	14,537
36"	1007	6,020	19,311
42"	1116	7,999	26,812
48"	1384	12,249	33,089

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C153 MJ SLEEVE SP			
03"	12	182	283
04"	17	216	331
06"	29	342	523
08"	38	454	704
10"	49	656	969
12"	60	766	1,122
14"	111	1,143	2,064
16"	123	1,373	2,511
18"	160	1,662	3,152
20"	195	1,965	3,758
24"	225	2,518	5,005
30"	500	4,530	11,327
36"	725	5,988	15,178
42"	877	8,205	POA
48"	1406	10,105	POA

C153 MJ X FLG ADAPTER			
03"	18	251	315
04"	24	251	415
06"	34	365	590
08"	50	513	850
10"	76	748	1,319
12"	88	928	1,552
14"	127	1,290	2,459
16"	155	1,474	2,815
18"	206	2,018	POA
20"	275	2,349	4,607
24"	324	2,869	6,053
30"	420	4,765	10,838
36"	750	6,571	16,979
42"	1214	15,499	POA
48"	1492	21,365	POA

PROTECTO 401
C110 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ 90 BEND			
03"	35	396	487
04"	55	396	763
06"	85	605	1,135
08"	125	915	2,045
10"	190	1,480	2,780
12"	255	1,659	3,850
14"	340	2,840	5,130
16"	430	3,382	6,410
18"	545	4,702	8,820
20"	680	5,302	10,894
24"	1025	6,284	16,829
30"	1690	11,574	39,801
36"	2475	15,616	53,070
42"	3410	27,660	POA
48"	4595	37,446	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ 45 BEND			
03"	30	372	484
04"	50	372	707
06"	75	559	1,019
08"	110	792	1,456
10"	155	1,171	2,570
12"	215	1,459	3,286
14"	270	2,222	5,360
16"	340	2,732	5,538
18"	420	3,408	6,986
20"	530	3,453	8,691
24"	755	4,854	11,959
30"	1380	9,326	31,626
36"	2095	13,684	47,017
42"	2955	24,159	POA
48"	4080	33,019	POA

C110 MJ 22.5 BEND			
03"	30	422	510
04"	50	422	801
06"	75	579	1,151
08"	110	1,047	1,724
10"	160	1,270	2,580
12"	220	1,546	3,173
14"	275	2,254	4,634
16"	345	2,776	5,289
18"	430	3,391	7,132
20"	535	4,312	10,680
24"	765	4,878	12,883
30"	1400	9,023	33,428
36"	2135	13,368	45,037
42"	3020	24,659	POA
48"	4170	33,712	POA

C110 MJ 11.25 BEND			
03"	30	422	POA
04"	50	422	788
06"	75	635	1,077
08"	110	820	1,663
10"	160	1,270	2,564
12"	220	1,708	3,173
14"	275	2,254	5,529
16"	345	2,776	5,671
18"	430	3,479	7,764
20"	540	4,326	10,764
24"	770	5,739	14,011
30"	1410	13,368	32,161
36"	2145	16,188	48,059
42"	3035	24,774	POA
48"	4190	33,866	POA

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C110 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ TEE			
03"	55	593	818
04x03"	75	587	1,131
04"	80	593	1,145
06x03"	110	834	1,582
06x04"	115	864	1,631
06"	125	828	1,738
08x03"	155	1,212	2,467
08x04"	165	1,218	2,521
08x06"	175	1,130	2,521
08"	185	1,144	2,816
10x04"	235	1,808	2,897
10x06"	250	1,794	3,633
10x08"	260	1,851	3,760
10"	310	2,145	4,148
12x04"	315	2,270	4,465
12x06"	325	2,089	4,554
12x08"	340	2,417	4,678
12x10"	390	2,807	5,863
12"	410	2,832	5,425
14x06"	435	3,290	9,504
14x08"	450	3,386	9,799
14x10"	465	3,484	10,686
14x12"	495	3,678	10,686
14"	520	3,838	11,360
16x06"	540	4,035	7,864
16x08"	550	4,099	7,994
16x10"	570	4,230	8,260
16x12"	590	4,358	8,526
16x14"	620	4,553	POA
16"	650	4,918	9,316
18x06"	590	4,426	10,346
18x08"	605	4,525	10,590
18x10"	620	4,620	14,037
18x12"	640	4,749	12,187
18x14"	755	5,494	25,795
18x16"	785	5,688	27,547
18"	820	5,912	12,858
20x06"	725	5,816	10,774
20x08"	735	6,626	10,774
20x10"	755	5,563	23,148
20x12"	775	5,612	13,405
20x14"	795	5,820	24,003
20x16"	945	6,704	16,171
20x18"	985	7,049	29,835
20"	1020	6,042	18,093
24x06"	985	7,185	17,115
24x08"	1000	7,280	18,048

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ TEE			
24x10"	1020	POA	32,489
24x12"	1030	7,474	POA
24x14"	1055	7,636	18,981
24x16"	1075	7,825	19,318
24x18"	1400	9,866	24,829
24x20"	1450	11,776	25,010
24"	1535	12,383	31,030
30x06"	1730	13,004	36,713
30x08"	1745	13,106	37,066
30x10"	1760	13,210	39,529
30x12"	1780	13,349	37,734
30x14"	1800	POA	57,621
30x16"	1820	18,926	39,318
30x18"	1845	13,799	39,843
30x20"	1875	14,008	POA
30x24"	2400	17,644	51,416
30"	2595	19,736	55,483
36x06"	2500	19,251	53,588
36x08"	2520	18,678	53,588
36x10"	2535	19,304	56,066
36x12"	2550	18,888	54,087
36x14"	2570	19,026	55,234
36x16"	2585	15,866	54,967
36x18"	2610	19,304	56,066
36x20"	2635	19,476	56,591
36x24"	2690	19,856	57,734
36x30"	3545	25,779	75,568
36"	3745	22,333	75,473
42x12"	3555	28,777	POA
42x14"	3575	28,929	POA
42x16"	3595	29,084	POA
42x18"	3615	51,460	POA
42x20"	3640	48,522	POA
42x24"	3690	29,816	POA
42x30"	4650	37,204	POA
42x36"	4880	48,169	POA
42"	6320	50,055	POA
48x12"	4870	54,476	POA
48x14"	4885	57,259	POA
48x16"	4905	59,957	POA
48x18"	4925	63,028	POA
48x20"	4950	66,257	POA
48x24"	4995	40,062	POA
48x30"	5140	41,178	POA
48x36"	6280	49,951	POA
48x42"	8130	64,188	POA
48"	8420	66,419	POA

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C110 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ x FLG TEE			
04"	74	672	1,148
06x03"	107	974	POA
06x04"	109	982	1,864
06"	115	1,046	1,780
08x04"	159	1,188	2,406
08x06"	165	1,197	2,467
08"	175	1,418	2,752
10x04"	229	1,716	3,562
10x06"	240	1,673	3,941
10x08"	250	1,836	3,940
12x04"	309	2,329	4,922
12x06"	315	2,217	5,094
12x08"	330	2,304	5,133
12"	401	2,704	5,788
14x06"	475	POA	POA
14x08"	440	POA	POA
16x04"	575	4,413	8,247
16x06"	581	4,615	6,860
16x08"	591	4,683	8,856
16x12"	651	4,926	10,175
16"	584	5,456	10,858
18x06"	620	5,087	11,558
18x08"	634	5,154	11,720
18x12"	735	5,356	11,170
18"	820	6,771	15,599
20x06"	715	6,035	POA
20x08"	835	6,298	14,393
20"	1179	8,522	19,723
24x06"	975	8,387	20,167
24x08"	1150	8,486	20,419
24x12"	1165	8,656	20,844
24x18"	1354	8,683	POA
24"	1550	12,898	23,527
30x06"	1725	13,352	52,042
30x08"	1740	14,630	POA
30"	3080	POA	POA
36x06"	2495	19,251	54,355
36x08"	2510	POA	POA
36x12"	2287	25,978	58,791
36x16"	2450	18,948	56,552
36x24"	2660	20,982	61,257
36x30"	2964	POA	POA
36"	3461	POA	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ x FLG ADAPTER			
04"	40	565	701
06"	60	784	1,038
08"	85	805	1,449
10"	115	1,458	1,935
12"	155	1,502	2,395
14"	195	2,226	3,691
16"	240	2,348	3,899
18"	280	2,407	4,929
20"	340	3,234	6,340
24"	455	3,893	8,153
30"	760	6,495	17,212
36"	1070	8,935	POA
42"	1505	12,999	POA
48"	1885	POA	POA

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C110 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CROSS			
04"	105	729	1,670
06x04"	140	1,027	POA
06"	160	1,120	2,247
08x04"	185	1,384	2,872
08x06"	205	1,504	3,142
08"	235	1,619	3,510
10x04"	260	POA	POA
10x06"	285	2,051	4,275
10x08"	310	2,202	4,686
10"	380	2,620	5,610
12x04"	340	2,552	5,859
12x06"	360	2,569	5,434
12x08"	385	2,684	5,120
12x10"	460	POA	7,275
12"	495	3,332	7,067
14x06"	475	POA	10,388
14x08"	500	3,386	7,181
14x10"	540	POA	11,050
14x12"	585	POA	12,313
14"	635	4,583	9,870
16x06"	575	4,263	9,089
16x08"	605	4,457	9,524
16x10"	645	POA	14,356
16x12"	685	5,611	14,685
16x14"	735	POA	15,948
16"	790	5,652	12,209
18x06"	625	POA	POA
18x08"	655	4,714	11,396
18x10"	685	5,040	11,878
18x12"	725	5,299	12,530
18x14"	870	POA	18,109
18x16"	930	POA	19,586
18"	995	7,046	16,888
20x06"	760	POA	17,001
20x08"	790	5,710	12,093
20x10"	820	POA	17,070
20x12"	860	6,239	14,354
20x14"	905	POA	19,435
20x16"	1085	7,696	18,343
20x18"	1155	POA	25,494
20"	1230	8,632	20,326
24x06"	1025	7,349	26,203
24x08"	1045	7,572	17,967
24x10"	1085	POA	25,912

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CROSS			
24x12"	1,110	7,986	18,204
24x14"	1,155	POA	28,692
24x16"	1,200	8,575	20,886
24x18"	1,590	POA	39,383
24x20"	1,675	11,646	28,720
24"	1,835	12,679	30,963
30x06"	1,770	13,280	38,275
30x08"	1,795	POA	67,947
30x10"	1,830	POA	67,927
30x12"	1,865	13,938	46,515
30x14"	1,905	POA	68,388
30x16"	1,950	POA	63,949
30x18"	2,000	POA	65,550
30x20"	2,060	POA	70,899
30x24"	2,675	19,551	57,151
30"	3,075	22,320	65,494
36x08"	2,565	POA	POA
36x10"	2,600	POA	POA
36x12"	2,630	POA	55,460
36x14"	2,665	POA	82,813
36x16"	2,705	POA	84,465
36x18"	2,750	POA	86,123
36x20"	2,805	POA	95,092
36x24"	2,910	34,430	98,688
36x30"	3,965	POA	POA
36"	4,370	31,495	98,983
42x12"	3,640	POA	POA
42x14"	3,675	POA	POA
42x16"	3,715	POA	POA
42x18"	3,755	POA	POA
42x20"	3,810	POA	POA
42x24"	3,910	POA	POA
42x30"	5,040	POA	POA
42x36"	5,425	POA	POA
42"	7,145	POA	POA
48x12"	4,955	POA	POA
48x14"	4,985	POA	POA
48x16"	5,025	POA	POA
48x18"	5,065	POA	POA
48x20"	5,115	POA	POA
48x24"	5,210	POA	POA
48x30"	5,495	POA	POA
48x36"	6,790	POA	POA
48x42"	8,815	POA	POA
48"	9,390	POA	POA

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C110 MJ FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ WYE			
04"	95	676	1,294
06x04"	135	1,015	1,877
06"	150	1,207	2,061
08x04"	190	1,414	2,939
08x06"	205	1,504	3,144
08"	225	1,527	3,198
10x04"	270	POA	5,889
10x06"	285	2,051	4,933
10x08"	305	2,171	5,159
10"	375	2,590	6,354
12x04"	375	POA	8,516
12x06"	390	POA	8,868
12x08"	415	2,960	7,314
12x10"	500	POA	8,749
12"	535	3,619	6,513
14x06"	540	4,130	8,853
14x08"	565	POA	14,902
14x10"	595	POA	15,239
14x12"	630	POA	15,472
14"	690	5,359	16,474
16x06"	700	5,523	16,884
16x08"	720	5,685	16,162
16x10"	755	POA	18,845
16x12"	790	POA	18,220
16"	905	6,299	13,664
18x06"	865	POA	POA
18x08"	890	6,689	12,931
18x10"	925	7,529	18,100
18x12"	960	7,917	19,068
18x14"	1015	POA	27,314
18x16"	1070	8,047	19,389
18"	1135	8,369	19,034
20x08"	657	POA	21,782
20x10"	683	8,536	24,084
20x12"	1190	8,374	18,975
20x14"	1250	POA	32,230
20x16"	1300	8,232	22,273
20x18"	1365	POA	37,944
20"	1435	10,540	POA
24x06"	1175	POA	POA
24x08"	1870	POA	POA
24x12"	1700	POA	57,042
24x14"	1760	POA	54,955
24x16"	1815	24,809	59,089
24x18"	1880	POA	58,438

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ WYE			
24x20"	1950	POA	63,074
24"	2115	15,331	29,411
30x12"	2850	POA	POA
30x14"	2915	POA	POA
30x16"	2975	POA	POA
30x18"	3040	POA	POA
30x20"	3115	POA	POA
30x24"	3280	POA	117,794
30"	3670	POA	76,144
36x12"	4895	POA	POA
36x14"	4970	POA	POA
36x16"	5040	POA	POA
36x18"	5120	POA	POA
36x20"	5205	POA	POA
36x24"	5390	37,557	111,943
36x30"	5805	POA	POA
36"	6335	49,542	POA
42X20"	6655	POA	POA
42X24"	6810	POA	POA
42X30"	7280	POA	POA
42X36"	8355	POA	POA
42"	9900	POA	POA
48x20"	6545	POA	POA
48x24"	7430	POA	POA
48x30"	7925	POA	POA
48x36"	9065	POA	POA
48x42"	11940	POA	POA
48"	11885	POA	POA

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CON RED			
04x03"	40	366	25,662
06x03"	55	520	959
06x04"	60	504	1,050
08x04"	80	767	1,401
08x06"	95	748	1,521
10x04"	105	1,005	1,793
10x06"	115	1,010	1,916
10x08"	135	1,127	2,201
12x04"	135	1,259	2,256
12x06"	150	1,472	2,367
12x08"	165	1,383	2,674
12x10"	190	1,531	3,173
14x06"	190	1,705	2,256
14x08"	210	POA	2,367
14x10"	230	POA	2,674
14x12"	255	2,126	3,173
16x06"	230	2,032	4,070
16x08"	250	2,495	4,362
16x10"	280	2,317	4,796
16x12"	305	2,758	4,507
16x14"	335	2,712	5,599
18x08"	295	2,519	5,584
18x10"	320	2,713	6,066
18x12"	350	2,874	6,471
18x14"	380	3,068	6,955
18x16"	415	3,295	7,521
20x06"	365	POA	POA
20x08"	370	4,333	POA
20x10"	375	3,070	6,967
20x12"	405	3,299	7,453
20x14"	430	POA	9,423
20x16"	470	3,718	8,499
20x18"	510	3,977	8,791
24x08"	575	POA	POA
24x12"	550	4,370	10,421
24x14"	575	POA	15,394
24x16"	615	4,792	11,522
24x18"	660	5,082	12,284
24x20"	705	5,373	13,048
30x12"	920	7,046	POA
30x16"	985	7,842	21,907
30x18"	990	7,876	22,010
30x20"	1050	8,292	23,261

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CON RED			
30x24"	1165	9,089	25,662
36x20"	1450	11,267	31,309
36x24"	1580	12,167	33,480
36x30"	1855	14,072	39,292
42x20"	1915	POA	POA
42x24"	2060	17,271	POA
42x30"	2370	19,655	POA
42x36"	2695	POA	POA
48x18"	2400	POA	POA
48x20"	2485	POA	POA
48x24"	2645	POA	POA
48x30"	3005	24,746	POA
48x36"	3370	POA	POA
48x42"	3750	POA	POA

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CON RED SEB			
04x03"	35	356	652
06x03"	50	518	892
06x04"	60	578	1,016
08x04"	80	772	1,472
08x06"	90	836	1,472
10x06"	115	1,057	2,030
10x08"	130	1,151	2,286
12x04"	130	1,218	2,324
12x06"	150	1,345	2,580
12x08"	168	1,439	2,619
12x10"	190	1,596	2,888
16x08"	230	2,089	4,070
16x12"	285	2,459	4,871
16x14"	310	POA	6,056
18x12"	325	2,798	6,066
20x08"	345	POA	POA
20x12"	375	3,200	6,967
20x16"	435	3,605	7,936
24x12"	510	4,245	9,741
24x14"	535	POA	14,685
24x16"	575	6,838	10,842
24x18"	620	4,683	11,604
24x20"	665	4,986	12,365
30x16"	885	7,506	17,028
30x18"	885	7,398	19,823
30x20"	945	7,831	21,074
30x24"	1060	8,659	23,469
36x20"	1285	POA	50,162
36x24"	1410	POA	53,759
36x30"	1690	13,409	36,221
42x20"	1705	POA	POA
42x24"	1855	POA	POA
42x30"	2165	POA	POA
42x36"	2485	POA	POA
48x18"	2134	POA	POA
48x20"	2220	POA	POA
48x24"	2380	POA	POA
48x30"	2740	POA	POA
48x36"	3100	POA	POA
48x42"	3480	POA	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CON RED LEB			
06x04"	60	578	1,077
08x03"	70	749	1,317
08x04"	80	772	1,504
08x06"	93	885	1,511
10x06"	115	1,057	2,045
10x08"	130	1,151	2,337
12x04"	135	POA	POA
12x06"	145	1,314	2,626
12x08"	165	1,439	2,785
12x10"	185	1,566	2,956
14x08"	205	POA	3,905
16x12"	305	2,596	5,165
20x10"	375	POA	8,042
20x16"	445	3,672	8,098
24x16"	595	4,817	11,182
24x20"	675	5,356	12,536
30x16"	910	POA	32,589
30x18"	965	POA	33,247
30x20"	1020	POA	34,231
30x24"	1125	9,131	24,826
36x20"	1420	11,458	POA
36x24"	1535	12,291	33,052
36x30"	1750	POA	POA
42x20"	1880	POA	POA
42x24"	2020	POA	POA
42x30"	2265	POA	POA
42x36"	2530	POA	POA
48x18"	2375	POA	POA
48x20"	2455	POA	POA
48x24"	2605	POA	POA
48x30"	2900	POA	POA
48x36"	3205	POA	POA
48x42"	3540	POA	POA

PROTECTO 401
C110 MJ FITTINGS

LP2015-P401

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ PLUG			
03"	10	224	228
04"	15	224	351
06"	25	348	532
08"	45	531	830
10"	65	717	1,100
12"	85	910	1,417
14"	115	1,219	1,805
16"	145	1,459	2,777
18"	185	1,383	2,888
20"	225	2,209	4,213
24"	335	2,980	6,257
30"	575	5,002	13,315
36"	815	6,869	POA
42"	1110	9,958	POA
48"	1455	12,816	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ PLUG 2" NPT			
03"	10	257	325
04"	15	319	448
06"	25	447	629
08"	45	632	927
10"	65	826	1,197
12"	85	1,022	1,514
14"	115	1,342	2,000
16"	145	1,588	2,972
18"	185	1,505	3,083
20"	225	2,363	4,407
24"	335	3,158	6,452
30"	575	5,254	13,638
36"	815	7,188	POA
42"	1110	10,051	POA
48"	1455	12,909	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CAP			
03"	12	224	270
04"	15	224	393
06"	25	329	571
08"	45	497	811
10"	60	688	1,050
12"	80	880	1,339
14"	115	POA	3,027
16"	150	1,514	3,273
18"	185	1,727	3,646
20"	240	2,209	4,786
24"	345	3,045	6,941
30"	590	5,106	13,667
36"	850	7,110	POA
42"	1180	10,498	POA
48"	1595	13,894	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ CAP 2" NPT			
03"	12	269	367
04"	15	319	490
06"	25	448	668
08"	45	648	908
10"	60	874	1,148
12"	80	1,019	1,437
14"	115	POA	3,409
16"	150	1,588	3,468
18"	185	1,818	3,841
20"	240	2,302	4,981
24"	345	3,137	7,136
30"	590	5,429	19,332
36"	850	7,433	POA
42"	1180	10,591	POA
48"	1595	13,987	POA

PROTECTO 401
C110 MJ FITTINGS

LP2015-P401

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ SLEEVE LP			
03"	30	360	POA
04"	45	360	763
06"	65	529	918
08"	85	673	1,206
10"	115	1,030	2,013
12"	145	1,184	2,499
14"	195	1,737	3,613
16"	235	1,965	4,560
18"	285	2,582	5,003
20"	325	2,676	5,680
24"	425	3,448	8,671
30"	1088	7,205	13,315
36"	1052	9,580	POA
42"	1550	POA	POA
48"	1940	POA	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
C110 MJ SLEEVE SP			
03"	25	POA	325
04"	35	338	617
06"	45	430	860
08"	65	598	1,167
10"	85	834	1,504
12"	110	1,058	2,033
14"	180	POA	2,930
16"	215	1,585	3,202
18"	240	2,002	4,294
20"	320	2,232	4,786
24"	745	3,211	7,368
30"	1049	6,243	POA
36"	1115	8,353	POA
42"	1385	POA	POA
48"	1455	POA	POA

PROTECTO 401
C110 FLANGED FITTINGS

LP2015-P401

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG 90 BEND			
03"	25	357	454
04"	45	357	655
06"	65	547	973
08"	105	830	1,636
10"	165	1,216	2,860
12"	235	1,548	3,997
14"	290	1,936	7,507
16"	370	2,376	10,538
18"	450	3,000	13,685
20"	580	3,651	18,835
24"	900	5,624	26,757
30"	1430	8,867	32,629
36"	2135	13,433	48,590
42"	3055	23,443	76,992
48"	4090	31,113	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG LR90 BEND			
03"	30	442	604
04"	50	442	856
06"	80	733	1,494
08"	140	1,146	2,622
10"	215	1,624	4,140
12"	325	2,340	3,988
14"	385	2,766	9,825
16"	505	3,537	15,632
18"	630	4,338	POA
20"	810	5,824	19,136
24"	1240	8,666	47,681
30"	2105	15,252	POA
36"	3285	23,396	POA
42"	4865	36,403	POA
48"	7280	50,410	POA

FLG BASE 90 BEND			
03"	35	470	694
04"	55	470	917
06"	85	678	1,491
08"	145	1,183	2,430
10"	210	1,596	3,428
12"	300	2,187	4,983
14"	360	2,619	6,544
16"	445	3,188	11,039
18"	565	3,962	13,990
20"	700	5,133	17,345
24"	1030	7,350	25,899
30"	1625	12,029	37,776
36"	2385	17,355	53,384
42"	3465	31,110	POA
48"	4610	34,800	POA

FLG LR BASE 90 BEND			
03"	38	342	739
04"	65	499	1,064
06"	110	808	1,620
08"	195	1,348	3,295
10"	280	1,887	4,484
12"	420	2,876	4,959
14"	490	2,952	12,480
16"	615	4,903	18,288
18"	800	5,327	POA
20"	985	6,920	POA
24"	1430	9,856	POA
30"	2400	17,231	POA
36"	3680	26,048	POA
42"	5515	43,862	POA
48"	7635	60,378	POA

PROTECTO 401
C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG 45 BEND			
03"	20	334	432
04"	40	334	607
06"	55	509	889
08"	90	736	1,387
10"	130	1,082	2,378
12"	195	1,375	3,422
14"	220	1,623	4,253
16"	280	1,994	5,380
18"	325	2,564	7,049
20"	430	3,224	10,812
24"	630	4,331	18,854
30"	1120	8,638	26,459
36"	1755	13,127	39,904
42"	2600	20,185	POA
48"	3575	27,426	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG 22.5 BEND			
03"	20	333	464
04"	40	333	766
06"	55	496	1,125
08"	90	728	1,653
10"	135	1,051	2,366
12"	205	1,444	3,383
14"	225	1,834	4,328
16"	285	2,042	6,887
18"	335	2,622	7,347
20"	435	3,473	11,220
24"	640	4,906	11,865
30"	1135	8,740	26,796
36"	1755	13,360	42,505
42"	2665	20,650	POA
48"	3665	28,034	POA

FLG 11.25 BEND			
03"	20	372	393
04"	40	372	766
06"	55	569	1,099
08"	90	758	1,653
10"	135	1,158	2,358
12"	205	1,643	3,373
14"	225	1,885	3,958
16"	285	2,257	6,605
18"	335	2,622	6,505
20"	435	3,473	11,220
24"	640	5,110	16,610
30"	1135	8,840	27,130
36"	1755	13,462	40,697
42"	2680	20,757	POA
48"	3690	28,250	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG REDUCING 90 BEND			
04x03"	29	319	697
06x03"	56	POA	POA
06x04"	55	546	905
08x04"	75	736	1,653
08x06"	85	795	1,766
10x04"	130	1,151	POA
10x06"	135	1,158	2,300
10x08"	150	1,247	2,667
12x04"	140	POA	POA
12x06"	160	1,379	3,065
12x08"	180	1,554	3,344
12x10"	200	1,613	3,738
14x06"	190	1,630	POA
14x08"	215	1,776	POA
14x10"	240	1,920	POA
14x12"	270	2,096	POA
16x06"	220	1,877	POA
16x08"	240	1,994	POA
16x10"	280	2,226	POA
16x12"	310	2,403	POA
16x14"	335	2,547	POA
18x06"	260	2,186	POA
18x08"	330	2,566	POA
18x10"	330	2,593	POA
18x12"	350	2,710	POA
18x14"	385	2,914	POA
18x16"	420	3,116	POA
20x06"	320	2,752	POA
20x08"	345	2,910	POA
20x10"	445	3,537	POA
20x12"	415	3,643	POA
20x14"	455	3,994	POA
20x16"	495	3,850	POA
20x18"	525	4,037	POA
24x06"	480	3,905	POA
24x08"	505	4,060	POA
24x10"	545	4,312	POA
24x12"	575	4,500	POA
24x14"	635	4,876	POA
24x16"	685	5,190	POA
24x18"	675	5,252	POA
24x20"	740	5,533	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG REDUCING 90 BEND			
30x12"	840	6,758	POA
30x14"	809	12,843	POA
30x16"	900	7,162	POA
30x18"	980	12,480	POA
30x20"	1070	13,348	POA
30x24"	1200	9,210	POA
36x12"	1195	POA	POA
36x14"	1215	POA	POA
36x16"	1255	POA	POA
36x18"	1295	POA	POA
36x20"	1360	19,158	POA
36x24"	1585	11,984	POA
36x30"	1840	13,696	POA
42x14"	1675	POA	POA
42x16"	1715	POA	POA
42x18"	1755	POA	POA
42x20"	1895	POA	POA
42x24"	1980	POA	POA
42x30"	2345	18,358	POA
42x36"	3390	26,579	POA
48x12"	2175	17,052	POA
48x14"	2195	20,987	POA
48x16"	2235	17,522	POA
48x18"	2275	25,917	POA
48x20"	2340	28,173	POA
48x24"	3240	24,773	POA
48x30"	3660	27,597	POA
48x36"	3255	28,365	POA
48x42"	4685	33,570	POA
FLG SIDE OUTLET 90 BEND			
03"	35	323	POA
04"	60	711	POA
06"	96	1,120	POA
08"	150	1,698	POA
10"	235	2,566	POA
12"	335	3,573	POA
14"	405	4,299	POA
16"	490	POA	POA
18"	580	POA	POA
20"	740	POA	POA
24"	1145	POA	POA

PROTECTO 401
C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG LONG RADIUS RED 90 BEND			
04x03"	38	918	POA
06x03"	55	849	POA
06x04"	70	998	POA
08x04"	100	1,773	POA
08x06"	115	1,646	POA
10x04"	195	1,858	POA
10x06"	180	2,055	POA
10x08"	215	2,122	POA
12x04"	190	3,959	POA
12x06"	235	4,500	POA
12x08"	285	3,393	POA
12x10"	325	3,393	POA
14x08"	285	4,611	POA
14x10"	325	6,634	POA
14x12"	370	4,211	POA
16x08"	395	8,618	POA
16x10"	395	8,536	POA
16x12"	415	7,933	POA
16x14"	460	7,859	POA
18x12"	585	11,394	POA
18x14"	535	4,118	POA
18x16"	585	9,288	POA
20x14"	760	13,580	POA
24x14"	875	19,339	POA
24x16"	875	9,086	POA
24x18"	875	11,349	POA
24x20"	875	15,688	POA
30x20"	1664	35,943	POA
30x24"	1675	36,186	POA
36x24"	3140	52,187	POA
36x30"	3675	52,438	POA
42x30"	4905	POA	POA
42x36"	4270	POA	POA
48x30"	6305	POA	POA
48x36"	7145	POA	POA
48x42"	8065	POA	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG x FLARE 90 BEND			
03"	30	358	523
04"	45	412	749
06"	75	632	1,338
08"	120	998	2,093
10"	195	1,508	2,962
12"	275	1,875	4,257
14"	340	2,503	7,282
16"	460	3,274	15,019
18"	560	3,931	14,806
20"	700	5,133	18,469
24"	1100	7,132	25,491
30"	1970	14,346	POA
36"	2730	19,671	POA
42"	3200	24,480	POA
48"	5235	39,276	POA
FLG x FLARE LONG RADIUS 90 BEND			
03"	35	POA	POA
04"	50	684	POA
06"	90	1,166	POA
08"	155	1,882	POA
10"	250	2,888	POA
12"	375	4,176	POA
14"	500	5,462	POA
16"	715	7,609	POA
18"	800	8,517	POA
20"	1140	12,681	POA
24"	1335	14,882	POA
30"	2190	25,532	POA
36"	3465	39,807	POA
42"	5150	POA	POA
48"	6725	POA	POA

PROTECTO 401
C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG TEE			
03"	40	529	590
04x03"	60	511	814
04"	65	529	866
06x03"	85	737	1,539
06x04"	90	749	1,242
06"	95	698	1,299
08x03"	130	1,134	2,236
08x04"	140	1,035	2,459
08x06"	145	985	2,842
08"	155	1,092	2,826
10x03"	205	P	POA
10x04"	205	1,432	3,606
10x06"	215	1,359	3,618
10x08"	225	1,410	3,868
10"	270	1,577	4,337
12x04"	290	1,887	4,953
12x06"	295	1,831	4,895
12x08"	310	1,905	5,394
12x10"	360	2,186	5,744
12"	385	2,200	5,954
14x04"	375	2,810	8,908
14x06"	375	2,706	11,460
14x08"	390	2,794	9,520
14x10"	400	2,852	11,868
14x12"	425	2,998	10,232
14"	435	3,055	12,931
16x04"	475	3,417	10,935
16x06"	465	2,794	12,429
16x08"	475	2,847	13,387
16x10"	495	3,453	12,264
16x12"	520	3,025	13,672
16x14"	530	3,682	13,184
16"	550	3,224	14,511
18x06"	480	3,126	16,746
18x08"	495	3,731	13,254
18x10"	510	3,642	12,763
18x12"	535	3,395	13,844
18x14"	630	4,280	17,316
18x16"	650	4,455	18,498
18"	665	4,058	18,478
20x06"	610	4,570	16,691
20x08"	620	4,632	15,609
20x10"	635	4,727	17,931
20x12"	660	4,884	17,572
20x14"	665	4,915	16,632

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG TEE			
20x16"	810	5,824	20,306
20x18"	820	5,886	20,613
20"	855	5,102	21,429
24x06"	845	5,314	23,327
24x08"	860	6,285	22,734
24x10"	880	6,410	21,918
24x12"	890	5,520	24,059
24x14"	900	6,493	22,531
24x16"	915	5,635	25,987
24x18"	1220	8,540	32,418
24x20"	1255	8,762	38,285
24"	1330	7,809	26,938
30x06"	1455	10,889	40,017
30x08"	1475	10,922	POA
30x10"	1490	11,124	POA
30x12"	1490	11,124	49,776
30x14"	1490	11,124	POA
30x16"	1505	11,224	POA
30x18"	1515	11,944	51,958
30x20"	1540	11,457	POA
30x24"	2025	14,714	55,402
30"	2150	13,063	57,783
36x06"	2000	15,644	POA
36x08"	2150	15,778	POA
36x10"	2155	15,811	POA
36x12"	2170	15,912	POA
36x14"	2175	15,946	POA
36x16"	2185	16,012	POA
36x18"	2190	16,047	POA
36x20"	2210	16,180	POA
36x24"	2255	16,484	46,087
36x30"	3000	21,482	58,520
36"	3160	18,790	58,829
42x10"	3145	POA	POA
42x12"	3165	24,230	POA
42x14"	3170	24,267	POA
42x16"	3180	24,337	POA
42x18"	3185	24,373	POA
42x20"	3205	24,516	POA
42x24"	3245	24,803	POA
42x30"	4125	31,104	POA
42x36"	5360	39,947	POA
42"	5580	41,523	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG TEE			
48x10"	4295	POA	POA
48x12"	4315	32,689	POA
48x14"	4315	32,689	POA
48x16"	4330	32,795	POA
48x18"	4330	32,795	POA
48x20"	4350	32,938	POA
48x24"	4385	33,190	POA
48x30"	4455	33,691	POA
48x36"	5555	41,568	POA
48x42"	7195	53,311	POA
48"	7385	54,671	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG BULLHEAD TEE			
04x04x06"	88	POA	POA
06x06x08"	142	POA	POA
08x08x10"	240	POA	POA
10x10x12"	340	POA	POA
16x16x24"	993	POA	POA

FLG BASE TEE			
03"	45	385	830
04"	75	587	1,011
06"	110	867	1,957
08"	185	1,378	2,634
10"	300	2,119	5,070
12"	430	2,952	7,136
14"	550	3,348	11,868
16"	600	4,088	14,715
18"	740	4,977	18,274
20"	930	6,575	23,878
24"	1410	9,731	28,460
30"	2270	16,359	POA
36"	3320	23,630	POA
42"	5850	46,438	POA
48"	7720	61,033	POA

FLG TRUE WYE			
04"	55	442	895
06x04"	60	550	POA
06"	85	691	1,497
08x04"	85	POA	POA
08x06"	100	847	2,324
08"	140	1,115	2,475
10x06"	140	POA	POA
10x08"	155	1,308	POA
10"	185	POA	POA
12x06"	160	POA	POA
12x08"	210	POA	POA
12x10"	240	POA	POA
12"	300	POA	POA
14"	415	POA	POA
16"	580	POA	POA
18"	680	POA	POA
20"	960	POA	POA
24"	1370	POA	POA

PROTECTO 401
C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG CROSS			
03"	50	549	885
04x03"	70	575	1,293
04"	80	549	1,452
06x03"	95	799	1,682
06x04"	110	865	1,918
06"	120	875	2,106
08x03"	140	1,196	2,414
08x04"	155	1,202	2,640
08x06"	165	1,262	2,884
08"	195	1,271	3,337
10x04"	220	1,653	3,677
10x06"	240	1,770	2,997
10x08"	265	1,916	3,259
10"	330	2,293	5,332
12x04"	310	2,253	3,829
12x06"	320	2,311	3,933
12x08"	345	2,457	5,685
12x10"	415	2,864	5,271
12"	460	2,626	5,400
14x06"	400	2,852	9,825
14x08"	425	2,998	10,336
14x10"	460	3,200	POA
14x12"	505	3,464	11,969
14"	530	3,608	15,175
16x06"	490	3,449	12,264
16x08"	520	3,623	15,285
16x10"	555	3,826	16,000
16x12"	605	4,118	17,429
16x14"	620	5,837	POA
16"	665	4,468	17,187
18x06"	505	3,612	POA
18x08"	535	3,786	POA
18x10"	560	3,931	POA
18x12"	610	4,223	15,233
18x14"	720	4,862	POA
18x16"	765	5,125	POA
18"	795	5,298	22,728
20x06"	635	4,727	POA
20x08"	665	4,915	POA
20x10"	685	5,040	POA
20x12"	735	5,353	20,225
20x14"	745	5,417	POA
20x16"	915	6,482	16,354
20x18"	945	6,669	POA
20"	1015	7,108	18,042

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG CROSS			
24x06"	875	6,379	POA
24x08"	895	6,506	POA
24x10"	930	6,724	POA
24x12"	960	6,912	26,644
24x14"	975	7,006	24,059
24x16"	1010	7,225	24,775
24x18"	1365	9,450	POA
24x20"	1430	9,856	26,433
24"	1570	10,733	28,914
30x12"	1565	11,627	POA
30x14"	1570	11,660	POA
30x16"	1605	11,894	POA
30x18"	1615	11,963	POA
30x20"	1670	12,331	POA
30x24"	2245	16,191	51,668
30"	2500	17,902	57,377
36x12"	2240	16,380	POA
36x14"	2240	16,380	POA
36x16"	2270	16,584	POA
36x18"	2280	16,650	POA
36x20"	2325	16,952	POA
36x24"	2405	17,489	POA
36x30"	3300	23,496	POA
36"	3620	25,645	POA
42x12"	3240	POA	POA
42x14"	3240	POA	POA
42x16"	3270	POA	POA
42x18"	3275	POA	POA
42x20"	3320	POA	POA
42x24"	3395	POA	POA
42x30"	4375	POA	POA
42x36"	5720	78,327	POA
42"	6155	45,639	POA
48x12"	4390	POA	POA
48x14"	4385	POA	POA
48x16"	4415	POA	POA
48x18"	4420	POA	POA
48x20"	4460	POA	POA
48x24"	4535	POA	POA
48x30"	4670	POA	POA
48x36"	5880	POA	POA
48x42"	7630	POA	POA
48"	8005	63,226	POA

PROTECTO 401
C110 FLANGED FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG WYE			
03"	45	500	850
04x03"	65	545	POA
04"	75	500	1,296
06x03"	100	POA	POA
06x04"	115	894	1,822
06"	120	789	2,015
08x04"	180	1,348	2,605
08x06"	189	1,305	3,113
08"	200	1,228	3,314
10x04"	260	1,887	3,849
10x06"	270	1,945	4,668
10x08"	295	2,090	5,332
10"	335	1,863	5,566
12x04"	380	2,659	5,402
12x06"	395	2,747	5,590
12x08"	420	2,718	5,899
12x10"	455	3,096	5,724
12"	515	2,729	5,636
14x06"	520	3,549	12,969
14x08"	545	3,696	13,663
14x10"	525	3,579	11,969
14x12"	620	4,131	12,889
14"	605	4,045	15,745
16x06"	620	4,205	14,103
16x08"	710	4,728	14,611
16x10"	740	4,902	15,327
16x12"	715	4,757	16,144
16x14"	830	5,427	13,335
16"	805	5,282	18,084
18x06"	450	POA	POA
18x08"	625	4,311	17,563
18x10"	885	5,824	15,755
18x12"	930	6,085	21,296
18x14"	975	6,346	20,011
18x16"	1025	6,637	21,031
18"	980	6,374	21,951
20x08"	740	POA	POA
20x10"	805	5,793	23,266
20x12"	1110	7,703	23,982
20x14"	1215	8,360	21,416
20x16"	1270	8,705	22,343
20x18"	1200	POA	29,566
20"	1265	8,674	22,258

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG WYE			
24x06"	1060	POA	POA
24x08"	1080	POA	POA
24x10"	1105	POA	POA
24x12"	1200	8,415	42,997
24x14"	1750	POA	POA
24x16"	1640	12,737	47,004
24x18"	1855	POA	POA
24x20"	1750	POA	POA
24"	1905	12,832	38,068
30x12"	2795	POA	POA
30x14"	2850	POA	POA
30x16"	2905	21,973	POA
30x18"	2960	POA	POA
30x20"	2760	POA	POA
30x24"	3040	22,635	POA
30"	3225	22,770	POA
36x12"	4490	POA	POA
36x14"	4545	POA	POA
36x16"	4455	33,358	POA
36x18"	4670	POA	POA
36x20"	4575	POA	POA
36x24"	4725	POA	POA
36x30"	5200	POA	POA
36"	5740	39,876	POA
42x12"	5725	POA	POA
42x14"	5800	POA	POA
42x16"	5850	POA	POA
42x18"	6000	POA	POA
42x20"	6110	POA	POA
42x24"	6255	POA	POA
42x30"	6855	POA	POA
42x36"	7650	POA	POA
42"	9170	71,991	POA
48x12"	7200	POA	POA
48x14"	7275	POA	POA
48x16"	7400	POA	POA
48x18"	7620	POA	POA
48x20"	7685	POA	POA
48x24"	6840	POA	POA
48x30"	8015	POA	POA
48x36"	8970	70,653	POA
48x42"	11010	POA	POA
48"	12100	94,742	POA

PROTECTO 401
C110 FLANGED FITTINGS

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SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG CON RED			
04x03"	31	289	506
06x03"	40	454	859
06x04"	45	447	766
06x05"	51	523	1,089
08x03"	60	620	1,254
08x04"	65	632	1,073
08x05"	70	710	POA
08x06"	75	664	1,193
10x04"	85	870	1,188
10x06"	90	848	1,831
10x08"	110	966	2,155
12x04"	120	1,147	2,285
12x06"	130	1,150	2,450
12x08"	145	1,235	2,773
12x10"	170	1,337	3,149
14x06"	155	1,427	3,074
14x08"	175	1,544	3,369
14x10"	190	1,644	4,824
14x12"	220	1,576	6,640
16x06"	190	1,704	4,345
16x08"	210	1,602	4,124
16x10"	235	1,727	4,493
16x12"	265	1,955	4,937
16x14"	280	2,226	6,294
18x08"	240	2,070	6,229
18x10"	265	2,216	6,742
18x12"	295	2,179	7,353
18x14"	305	2,477	7,966
18x16"	340	2,416	6,799
20x06"	300	2,628	POA
20x08"	280	2,534	POA
20x10"	310	2,690	9,446
20x12"	345	2,604	10,405
20x14"	355	2,973	10,608
20x16"	390	2,740	10,812
20x18"	410	3,319	12,526
24x08"	410	POA	POA
24x10"	470	POA	POA
24x12"	480	4,095	13,504
24x14"	490	4,179	12,626
24x16"	525	3,659	13,546
24x18"	550	4,343	14,262
24x20"	590	4,593	16,526

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG CON RED			
30x12"	770	6,569	POA
30x16"	780	6,356	22,540
30x18"	810	6,559	19,512
30x20"	870	6,962	20,856
30x24"	970	7,632	23,097
36x16"	1115	9,188	POA
36x18"	1160	POA	POA
36x20"	1230	POA	POA
36x24"	1345	10,373	POA
36x30"	1555	11,785	POA
42x20"	1666	27,738	POA
42x24"	1820	14,599	POA
42x30"	2060	16,318	POA
42x36"	2345	18,358	POA
48x24"	2335	POA	POA
48x30"	2625	20,587	POA
48x36"	2950	22,914	POA
48x42"	3320	25,564	POA

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C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG ECC RED			
04x03"	30	325	623
06x03"	40	454	927
06x04"	45	488	1,031
06x05"	52	530	POA
08x04"	65	679	1,332
08x05"	70	710	POA
08x06"	75	736	1,536
10x04"	85	870	1,876
10x06"	95	898	1,892
10x08"	110	1,014	2,258
12x04"	120	1,147	1,967
12x06"	130	1,206	2,524
12x08"	145	1,293	2,722
12x10"	165	1,438	3,143
14x06"	155	1,427	9,151
14x08"	170	1,514	9,274
14x10"	195	1,630	POA
14x12"	225	1,834	8,325
16x06"	190	1,704	4,345
16x08"	210	1,819	5,423
16x10"	235	1,966	5,934
16x12"	265	2,140	7,506
16x14"	280	2,226	6,294
18x08"	240	2,070	7,149
18x10"	265	2,216	7,046
18x12"	295	2,389	5,342
18x14"	305	2,477	5,766
18x16"	335	2,651	7,657
20x10"	310	2,690	8,056
20x12"	345	2,910	8,464
20x14"	355	2,973	6,868
20x16"	385	3,191	7,534
20x18"	410	3,316	10,200
24x08"	460	3,908	POA
24x10"	470	3,842	POA
24x12"	480	3,905	13,362
24x14"	490	3,967	12,730
24x16"	525	4,186	13,627
24x18"	550	4,343	16,036
24x20"	595	4,593	14,096

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG ECC RED			
30x10"	756	6,468	POA
30x14"	970	8,013	POA
30x16"	810	7,398	POA
30x18"	815	6,592	POA
30x20"	865	6,962	POA
30x24"	965	7,632	POA
36x14"	1290	POA	POA
36x16"	1115	POA	POA
36x18"	1160	POA	POA
36x20"	1225	POA	POA
36x24"	1340	10,338	POA
36x30"	1550	POA	POA
42x20"	1680	POA	POA
42x24"	1810	14,599	48,655
42x30"	2060	16,318	47,882
42x36"	2345	18,358	54,243
48x24"	2499	POA	POA
48x30"	2615	20,587	121,323
48x36"	2940	22,914	60,538
48x42"	3320	25,564	67,794

PROTECTO 401
C110 FLANGED FITTINGS

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG BLIND			
03"	16	198	237
04"	25	243	342
06"	42	372	552
08"	63	508	785
10"	85	765	1,079
12"	120	1,030	1,326
14"	145	1,451	2,307
16"	185	1,762	3,166
18"	245	2,363	3,285
20"	370	3,193	4,231
24"	500	4,751	8,033
30"	790	6,983	14,358
36"	1175	13,400	19,745
42"	1585	19,358	POA
48"	2100	25,906	POA

SIZE	WEIGHT	LIST IMPORT	LIST DOMESTIC
FLG BLIND 2" NPT			
03"	16	292	334
04"	25	292	438
06"	42	396	649
08"	63	602	882
10"	85	860	1,176
12"	120	1,125	1,423
14"	145	1,600	2,443
16"	185	1,910	3,359
18"	245	2,548	3,479
20"	370	3,380	4,426
24"	500	4,939	8,033
30"	790	7,264	14,767
36"	1175	13,682	POA
42"	1585	19,731	POA
48"	2100	26,280	POA

FLG X FLARE ADAPTER			
03"	20	POA	POA
04"	30	326	827
06"	40	457	1,148
08"	70	709	1,465
10"	95	927	2,038
12"	155	1,351	2,803
14"	165	1,486	4,516
16"	240	1,994	5,070
18"	275	2,273	6,174
20"	355	2,979	10,405
24"	480	3,905	13,299
30"	1,100	8,684	POA
36"	1,460	11,146	POA
42"	1,900	14,099	POA
48"	2,375	18,797	POA