

Product Information Catalog

NEC, Inc.

Electrical Conduit Fittings:

Elbows— GRC, EMT, IMC and Aluminum

Nipples— Black, Galvanized and Zinc plated

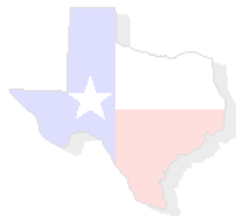
Couplings— Black and Galvanized

Coating:

40 mil PVC exterior

Epoxy, Polyurethane Powder Coating

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7207 West Road
Houston, Texas 77086



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NEC, INC.



Elbows - Galvanized Rigid 90 and 45 Degree

Rigid Couplings

Pipe Size (in)	Standard Carton Qty	Weight Per Carton (Lbs)	Weight per 100 pcs (Lbs)	Minimum Centerline Radius	Straight Length Each End	Offset "H"	Pipe Size (in)	Standard Carton Qty	Weight Per Carton (Lbs)	Weight per 100 pcs Lbs
1/2"	50	39	78	4"	2-7/8"	6-7/8"	1/2"	100	14	14
3/4"	50	56	111	4-1/2"	2-7/8"	7-3/8"	3/4"	50	10	20
1"	20	38	191	5-3/4"	3-1/2"	9-1/4"	1"	30	9	31
1-1/4"	20	62	312	7-1/4"	3-1/4"	10-1/2"	1-1/4"	25	9	39
1-1/2"	20	85	424	8-1/4"	3-5/8"	11-7/8"	1-1/2"	25	14	56
2"	10	66	658	9-1/2"	4-1/2"	14"	2"	20	14	73
2-1/2"	100	1177	1177	10-1/2"	5-1/2"	16"	2-1/2"	24	44	185
3"	50	925	1850	13"	6-1/8"	19-1/8"	3"	16	36	226
3-1/2"	35	902	2578	15"	7-1/8"	22-1/8"	3-1/2"	12	43	358
4"	25	804	3216	16"	7-1/8"	23-1/8"	4"	10	40	400
5"	Bulk	Bulk	6700	24"	11"	35"	5"	Bulk		497
6"	Bulk	Bulk	11183	30"	12"	42"	6"	Bulk		816

Elbows with less than 90 degree bends available

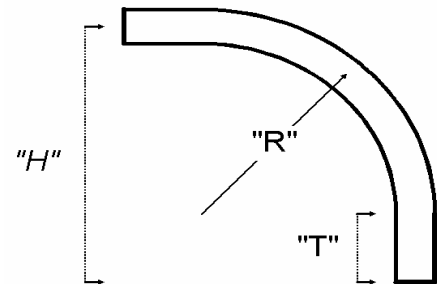
GRC Elbows UL listed file E100475 (UL 6)

EMT Elbows - 90 and 45 Degree

Pipe Size (in)	Standard Carton Qty	Weight Per Carton (Lbs)	Weight 100 pcs (Lbs)	Minimum Centerline Radius	Straight Length Each End	Offset "H"
1/2"	50	15	30	4"	2-7/8"	6-7/8"
3/4"	50	21	42	4-1/2"	2-7/8"	7-3/8"
1"	20	18	90	5-3/4"	3-1/2"	9-1/4"
1-1/4"	20	28	140	7-1/4"	3-1/4"	10-1/2"
1-1/2"	20	40	200	8-1/4"	3-5/8"	11-7/8"
2"	10	28	280	9-1/2"	4-1/2"	14"
2-1/2"	100	486	486	10-1/2"	5-1/2"	16"
3"	50	352	704	13"	6-1/8"	19-1/8"
3-1/2"	35	371	1059	15"	7-1/8"	22-1/8"
4"	25	319	1274	16"	7-1/8"	23-1/8"

Elbows with less than 90 degree bends available

EMT Elbows UL listed file E102090 (UL 797)





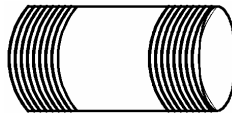
NEC, INC.



Galvanized Nipples

PIPE SIZE (in)	Close Length (in)	CLOSE		1-1/2"		2"		2-1/2"		3"		3-1/2"	
		Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100
1/2"	1-1/8"	25	6	25	8	25	12	25	15	25	19	25	22
3/4"	1-3/8"	25	9	25	9	25	14	25	19	25	24	25	28
1"	1-1/2"	25	16			25	22	25	28	25	36	25	43
1-1/4"	1-5/8"	25	22			25	28	25	37	25	47	25	55
1-1/2"	1-3/4"	25	28			25	34	25	44	25	56	25	68
2"	2"	25	44					25	59	25	72	25	88
2-1/2"	2-1/2"	10	84							10	100	10	120
3"	2-5/8"	10	118							10	130	10	157
3-1/2"	2-3/4"	10	160										
4"	2-7/8"	10	180										
5"	3"		240										
6"	3-1/8"		350										

Nipples longer than 12" lengths or special threading available upon request



Galvanized Nipples

PIPE SIZE (in)	4"		5"		6"		8"		10"		12"	
	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100
1/2"	25	26	25	33	25	40	25	54	25	68	25	82
3/4"	25	34	25	43	25	52	25	73	25	89	25	109
1"	25	49	25	64	25	78	25	109	25	138	25	166
1-1/4"	25	66	25	84	25	100	15	136	15	176	15	216
1-1/2"	25	80	25	103	25	122	10	170	10	216	10	260
2"	25	103	25	132	25	160	10	220	10	285	10	335
2-1/2"	10	150	10	197	10	240	5	329	5	422	5	505
3"	10	200	10	260	10	300	5	411	5	528	5	630
3-1/2"	10	240	10	320	10	373	5	510	5	655	5	785
4"	5	285	5	380	5	440	2	600	2	775	2	925
5"				480		600		825		1055		1260
6"				660		820		1125		1440		1720

Nipples longer than 12" lengths or special threading available upon request

GRC Nipples UL listed file E100475 (UL 6)



NEC, INC.

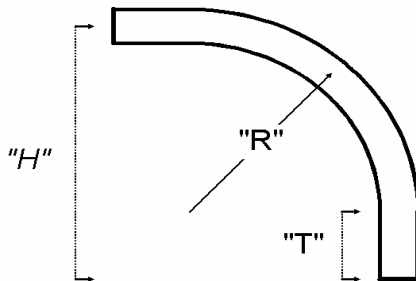


Large Radius Galvanized Elbows

Radius	15"	18"	24"	30"	36"	48"
PIPE SIZE (in)	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each
1"	6	6	8	9	10	13
1-1/4"	7	9	11	12	14	18
1-1/2"	9	10	13	15	17	21
2"	12	14	17	20	22	29
2-1/2"	19	21	26	31	35	45
3"	25	28	35	41	46	59
3-1/2"		34	42	49	55	71
4"		40	49	58	65	84
5"				77	87	112
6"					121	156

GRC Elbows UL listed file E100475 (UL 6)

DIMENSIONS OF LARGE RADIUS 90 DEGREE ELBOWS



RADIUS "R"	TANGENT "T"	OFFSET "H"	UNBENT LENGTH
15"	9"	24"	46"
18"	10"	28"	48"
24"	11"	35"	59"
30"	11"	41"	69"
36"	11"	47"	78"
48"	12"	60"	100"
60"	12"	72"	118"

Large Radius EMT Elbows

Radius	15"	18"	24"	30"	36"	48"
PIPE SIZE (in)	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each
1-1/4"		4				
1-1/2"	4	4	5	6	7	9
2"	5	6	7	8	9	12
2-1/2"	7		11	12	13	18
3"		10	13	15	16	21
3-1/2"			16	19	22	28
4"			20	21	24	31

EMT Elbows UL listed file E102090 (UL 797)



NEC, INC.

Elbows - IMC 90 and 45 Degree

<i>Pipe Size (in)</i>	<i>Standard Carton Qty</i>	<i>Weight Per Carton Lbs</i>	<i>Weight Per 100 Lbs</i>	<i>Minimum Centerline Radius</i>
1/2"	50	30	60	4"
3/4"	50	39	78	4-1/2"
1"	20	29	144	5-3/4"
1-1/4"	20	45	224	7-1/4"
1-1/2"	10	31	307	8-1/4"
2"	10	45	446	9-1/2"
2-1/2"	100	914	914	10-1/2"
3"	50	665	1330	13"
3-1/2"	35	618	1766	15"
4"	25	526	2102	16"

Running Thread Pipe - Rigid Conduit 3 foot lengths

<i>Pipe Size (in)</i>	<i>Pieces per Carton</i>	<i>Weight Per Carton Lbs</i>	<i>Weight Per 100pcs Lbs</i>	<i>Threads Per Inch (Pitch)</i>
1/2"	20	37	186	14
3/4"	25	64	255	14
1"	20	62	309	11 1/2
1-1/4"	12	51	426	11 1/2
1-1/2"	15	54	540	11 1/2
2"	8	60	750	11 1/2
2-1/2"	4	46	1149	8
3"	3	45	1500	8
3-1/2"	2	38	1900	8
4"	2	43	2148	8



NEC, INC.



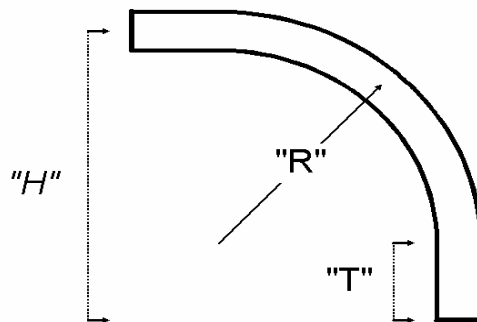
Elbows - Aluminum 90 and 45 Degree

Aluminum Couplings

Pipe Size (in)	Standard Carton Qty	Weight Per Carton (Lbs)	Weight per 100 pcs (Lbs)	Minimum Centerline Radius	Offset "H"	Standard Carton Qty	Weight Per Carton (Lbs)	Weight per 100 pcs Lbs
1/2"	50	13	26	4"	6-7/8"	100	6	6
3/4"	50	18	36	4-1/2"	7-3/8"	50	5	9
1"	20	13	63	5-3/4"	9-1/4"	30	4	13
1-1/4"	20	20	101	7-1/4"	10-1/2"	25	5	19
1-1/2"	20	28	140	8-1/4"	11-7/8"	25	6	23
2"	10	23	230	9-1/2"	14"	20	7	35
2-1/2"	100	408	408	10-1/2"	16"	24	16	68
3"	50	320	641	13"	19-1/8"	16	15	91
3-1/2"	35	313	893	15"	22-1/8"	12	13	108
4"	25	278	1114	16"	23-1/8"	10	14	142
5"	Bulk	Bulk	2472	24"	35"	Bulk		242
6"	Bulk	Bulk	3872	30"	42"	Bulk		320

10,15,22,30 and 60 degree elbows available

Alum Elbows UL listed file E215519 (UL 6A)





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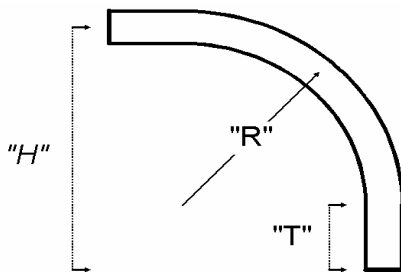


Large Radius Aluminum Elbows

Radius	15"	18"	24"	30"	36"	48"
PIPE SIZE (in)	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each	LBS Each
1"	2	2	3	3	4	5
1-1/4"	2	3	4	4	5	6
1-1/2"	3	4	5	5	6	8
2"	4	5	6	7	8	10
2-1/2"	7	8	9	11	12	16
3"	9	10	12	14	16	21
3-1/2"		12	14	17	19	25
4"		14	17	20	23	29
5"				29	32	42
6"					42	54

Alum Elbows UL listed file E215519 (UL 6A)

DIMENSIONS OF LARGE RADIUS 90 DEGREE ELBOWS



RADIUS "R"	TANGENT "T"	OFFSET "H"	UNBENT LENGTH
15"	9"	24"	46"
18"	10"	28"	48"
24"	11"	35"	59"
30"	11"	41"	69"
36"	11"	47"	78"
48"	12"	60"	100"
60"	12"	72"	118"



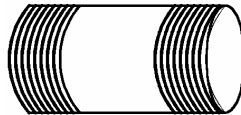
NEC, INC.



Aluminum Nipples

PIPE SIZE (in)	Close Length (in)	CLOSE		1-1/2"		2"		2-1/2"		3"		3-1/2"	
		Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100
1/2"	1-1/8"	25	2	25	3	25	4	25	5	25	7	25	8
3/4"	1-3/8"	25	3	25	3	25	5	25	7	25	6	25	10
1"	1-1/2"	25	4			25	7	25	8	25	12	25	14
1-1/4"	1-5/8"	25	7			25	10	25	13	25	16	25	20
1-1/2"	1-3/4"	25	10			25	12	25	16	25	20	25	24
2"	2"	25	16					25	22	25	27	25	32
2-1/2"	2-1/2"	10	22							10	30	10	39
3"	2-5/8"	10	24							10	42	10	53
3-1/2"	2-3/4"	10	42										
4"	2-7/8"	10	51										
5"	3"		71										
6"	3-1/8"		105										

Nipples longer than 12" lengths or special threading available upon request



Aluminum Nipples

PIPE SIZE (in)	4"		5"		6"		8"		10"		12"	
	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100	Std Ctn Qty	Lbs Per 100
1/2"	25	9	25	12	25	14	25	19	25	24	25	29
3/4"	25	12	25	15	25	18	25	25	25	31	25	38
1"	25	16	25	21	25	26	25	36	25	45	25	55
1-1/4"	25	23	25	29	25	36	15	49	15	62	15	75
1-1/2"	25	28	25	36	25	44	10	59	10	74	10	90
2"	25	38	25	48	25	58	10	76	10	100	10	120
2-1/2"	10	47	10	64	10	80	5	114	5	149	5	180
3"	10	64	10	86	10	108	5	152	5	198	5	240
3-1/2"	10	75	10	101	10	128	5	180	5	234	5	266
4"	5	87	5	118	5	149	2	212	2	274	2	336
5"				155		197		281		366		450
6"				208		263		372		481		591

Nipples longer than 12" lengths or special threading available upon request

Alum Nipples UL listed file E215519 (UL 6A)