

ALEX

EMT CONDUIT & ACCESSORIES





ANSI C80.3 UL797

ALEX® EMT CONDUIT

(Electrical Metallic Tubing)

CAT#	Trade size	Outside diameter		Minimum wall thickness		Standard weight		Length
	in.	in.	mm	in.	mm	lbs/ft	kg/m	ft.
ALX-50	1/2	0.706	17.93	0.042	1.07	0.285	0.424	10
ALX-75	3/4	0.922	23.42	0.049	1.25	0.435	0.647	10
ALX-100	1	1.163	29.54	0.057	1.45	0.640	0.952	10
ALX-125	1-1/4	1.510	38.35	0.065	1.65	0.950	1.414	10
ALX-150	1-1/2	1.740	44.20	0.065	1.65	1.10	1.637	10
ALX-200	2	2.197	55.80	0.065	1.65	1.40	2.083	10
ALX-250	2-1/2	2.875	73.0	0.072	1.83	2.32	3.450	10
ALX-300	3	3.500	88.9	0.072	1.83	2.80	4.164	10
ALX-350	3-1/2	4.000	101.6	0.083	2.11	3.37	5.013	10
ALX-400	4	4.500	114.3	0.083	2.11	3.78	5.623	10

Applicable Tolerances Outside Diameter: $\pm 0.13\text{mm}$ (0.005in) Length: $\pm 6.35\text{mm}$ (1/4 in)

EMT CONNECTORS

SET SCREW TYPE



EMT COUPLINGS

SET SCREW TYPE



EMT CONNECTORS

COMPRESSION TYPE



EMT COUPLINGS

COMPRESSION TYPE



CONDUIT HANGER



Size: 1/2"~4"

Material: Zinc Alloy

Size: 1/2"-3/4"-1"-1 1/4"-1 1/2"-2"-2 1/2"-3"-4"

EMT CONNECTORS

SET SCREW TYPE



EMT COUPLINGS

SET SCREW TYPE



EMT CONNECTORS

COMPRESSION TYPE



EMT COUPLINGS

COMPRESSION TYPE



EMT 90° ELBOW



Size: 1/2"~4"

Material: Steel

Size: 1/2"-3/4"-1"-1 1/4"-1 1/2"-2"-2 1/2"-3"-4"

EMT 90° PULL ELBOW

EMT TO BOX
SET SCREW TYPE



EMT 90° PULL ELBOW

EMT TO EMT
SET SCREW TYPE



EMT TO EMT

INSIDER CORNER SET
SCREW TYPE



EMT TO FLEX

SET SCREW TO CLAMP TYPE



Size: 1/2"-3/4"-1"

Material: Zinc Alloy

EMT STRAPS



Size: 1/2"~4"

Material: Steel



ALEX[®] RIGID CONDUIT (Rigid Metal Conduit)

ANSI C80.1 UL6

CAT#	Trade size	Outside Diameter		Inside Diameter		Wall Thickness		Length
		in.	mm	in.	mm	in.	mm	
ALX-50R	1/2	0.840	21.34	0.632	16.5	0.104	2.64	10
ALX-75R	3/4	1.050	26.67	0.836	21.23	0.107	2.72	10
ALX-100R	1	1.315	33.40	1.063	27.00	0.126	3.20	10
ALX-125R	1-1/4	1.660	42.16	1.394	35.41	0.133	3.38	10
ALX-150R	1-1/2	1.900	48.26	1.624	41.25	0.138	3.51	10
ALX-200R	2	2.375	60.33	2.083	52.91	0.146	3.71	10
ALX-250R	2-1/2	2.875	73.03	2.489	63.22	0.193	4.90	10
ALX-300R	3	3.500	88.90	3.090	78.49	0.205	5.21	10
ALX-350R	3-1/2	4.000	101.60	3.570	90.68	0.215	5.46	10
ALX-400R	4	4.500	114.30	4.050	102.87	0.225	5.72	10
ALX-500R	5	5.563	141.30	5.073	128.85	0.245	6.22	10
ALX-600R	6	6.626	168.30	6.094	154.78	0.266	6.76	10

RIGID CONDUIT BODIES

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RIGID CONDUIT BODIES

RIGID CONDUIT BODIES

RIGID LB TYPE



RIGID T TYPE



RIGID LR TYPE



RIGID LL TYPE



RIGID C TYPE



Material: Aluminum Alloy

Size: 1/2"- 3/4"- 1"- 1 1/4"- 1 1/2"- 2"- 2 1/2"- 3"- 4"

COVERS & GASKET WITH SCREWS

RIGID 90° RADIUS ELBOW

RIGID COUPLINGS

RIGID COUPLINGS

RIGID STRAPS



Material: Aluminum, Steel
Size: 1/2"-4"



Material: Steel
Size: 1/2"-4"



Material: Malleable Iron
Size: 1/2"-2"



Material: Steel
Size: 1/2"-4"



Material: Steel
Size: 1/2"-4"

CONDUIT BUSHINGS

RIGID BUSHINGS INSULATED

LOCKNUTS

RIGID WATERTIGHT HUBS

RIGID PULL ELBOWS



Material: Zinc Alloy, Malleable



Material: Zinc Alloy



Material: Zinc Alloy, Steel



Material: Zinc Alloy



Material: Zinc Alloy

Size: 1/2"- 3/4"- 1"- 1 1/4"- 1 1/2"- 2"- 2 1/2"- 3"- 4"

ALEX[®] IMC CONDUIT (Intermediate Metal Conduit)

ANSI C80.6 UL1242

Trade size	Outside Diameter						Minimum wall thickness		Length without coupling	
	Nominal		Minimum		Maxmum					
in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
1/2	0.815	20.7	0.810	20.6	0.820	20.8	0.070	1.78	9'-11-1/4"	3029.0
3/4	1.029	26.1	1.024	26.0	1.034	26.3	0.075	1.91	9'-11-1/4"	3029.0
1	1.290	32.8	1.285	32.6	1.295	32.9	0.085	2.16	9'-11"	3022.6
1-1/4	1.638	41.6	1.630	41.4	1.645	41.8	0.085	2.16	9'-11"	3022.6
1-1/2	1.883	47.8	1.875	47.6	1.890	48.0	0.090	2.29	9'-11"	3022.6
2	2.360	59.9	2.352	59.7	2.367	60.1	0.095	2.41	9'-11"	3022.6
2-1/2	2.857	72.6	2.847	72.3	2.867	72.8	0.140	3.56	9'-10-1/2"	3009.9
3	3.476	88.3	3.466	88	3.486	88.5	0.140	3.56	9'-10-1/2"	3009.9
3-1/2	3.971	100.9	3.961	100.6	3.981	101.1	0.140	3.56	9'-10-1/4"	3003.6
4	4.466	113.3	4.456	113.2	4.476	113.7	0.140	3.56	9'-10-1/4"	3003.6

Applicable Tolerances

Wall Thickness: $\pm 0.4\text{mm}$ for size 1/2" to 1" $\pm 0.5\text{mm}$ for size 1-1/4" to larger
Length: $\pm 6.0\text{mm}$ (without coupling)

ONE GANG BOXES 2" DEEP



TWO GANG BOXES 2-3/16" DEEP



ONE GANG BOXES 2-5/8" DEEP



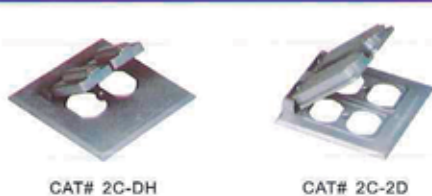
4" ROUND BOX 1-9/16" DEEP



SINGLE SWITCH



TWO GANG DEVICE COVERS WITH GASKETS



GFCI • SINGLE GANG



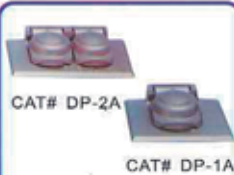
4" ROUND COVERS



GFCI • SINGLE GANG



DUPLEX GANG



BLANK • DOUBLE GANG



BLANK • SINGLE GANG



BLANK • ROUND



4" SQUARE CONDUIT BOXES AND COVERS

 1-1/2" DEEP BOXES CAT# 52151 (1/2"/3/4"/1/2" & 3/4" K.O.)	 2-1/8" DEEP BOXES CAT# 52171 (1/2"/3/4"/1/2" & 3/4"/1" K.O.)	 1-1/2" DEEP EXTENSIONS CAT# 53151 (1/2"/3/4"/1/2" & 3/4" K.O.)	 CAT# 52C6 52C1 Flat, Blank 52C6 Flat, 1/2" K.O.	 CAT# 52C62 Raised 1/4" Flat, For One Device Raised 1/4"/1/2"/3/4"/1"/1-1/4"
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RECTANGULAR CONDUIT BOXES & COVERS

 4"Hx2-1/8"Wx1-7/8"D BOXES CAT# 58361 (1/2"/3/4"/1/2" & 3/4" K.O.)	 1-7/8" DEEP EXTENSIONS CAT# 59361 (1/2"/3/4"/1/2" & 3/4" K.O.)	 CAT# 58C1 	 CAT# 58C36 	 CAT# 58C5
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4" OCTAGONAL CONDUIT BOXES & COVERS

 1-1/2" DEEP BOXES CAT# 54151 (1/2"/3/4"/1/2" & 3/4" K.O.)	 2-1/8" DEEP BOXES CAT# 54171 (1/2"/3/4"/1/2" & 3/4" K.O.)	 1-1/2" DEEP EXTENSIONS CAT# 55151 (1/2"/3/4"/1/2" & 3/4" K.O.)	 CAT# 54C1R 54C1R Blank 54C6R 1/2" K.O.	 CAT# 54C6 54C1 Blank 54C6 1/2" K.O.
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4-11/16" SQUARE CONDUIT BOXES & COVERS

 1-1/2" DEEP BOXES CAT# 72151 (1/2"/3/4"/1/2" & 3/4" K.O.)	 2-1/8" DEEP BOXES CAT# 72171 (1/2" & 3/4"/3/4" & 1"/1 1/4" K.O.)	 2-1/8" DEEP EXTENSIONS CAT# 73171 (1/2" & 3/4"/3/4" & 1"/1 1/4" K.O.)	 CAT# 72C6 72C1 Flat, Blank 72C6 Flat, 1/2" K.O.	 CAT# 72C13 Raised 1/4" Flat, For One Device Raised 1/4"/1/2"/3/4"
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SWITCH & SOCKET BOXES

 Height: 35mm/47mm 3"x3"	 Height: 35mm/47mm 3"x6"	 Height: 35mm/47mm 1Gang+1Gang	 Height: 35mm/47mm 1Gang+2Gang	 Height: 35mm/47mm 1Gang+1Gang+1Gang
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GROUND ROD

GROUND ROD CLAMPS

EMT BENDERS

EMT BENDERS

EMT BENDERS WITH HANDLE

 Material: Copper Covered Steel Copper 3/8"-1/2"-5/8"-3/4"	 Material: Brass 3/8"-1/2"-5/8"-3/4"	 MALLEABLE IRON 1/2"-3/4"-1"	 ALUMINUM 1/2"-3/4"-1"	 1/2"-3/4"-1"
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ALEX[®] FLEX CONDUIT & FITTINGS

ALEX[®] FLEXIBLE STEEL CONDUIT

American Standard



Material: Galvanized Steel

Size: 3/8" ~ 4"

British Standard

FLEX COUPLINGS



size: 1/2" ~ 2"

FLEX CONNECTORS



size: 1/2" ~ 2"

ALEX[®] PVC COATED FLEXIBLE CONDUIT



Material: Galvanized Steel, PVC jacket

Size: 3/8" ~ 4"

BX-FLEX CONNECTORS



size: 1/2" ~ 2"

BX-FLEX CONNECTORS



size: 1/2" ~ 2"

ALEX[®] LIQUID TIGHT FLEXIBLE CONDUIT



Material: Galvanized steel core, corrosion resistant

Size: 3/8" ~ 4"

LIQUID TIGHT CONNECTORS

STRAIGHT A type



size: 3/8" ~ 4"

LIQUID TIGHT CONNECTORS

90 ANGLE A type



size: 3/8" ~ 4"

LIQUID TIGHT CONNECTORS

STRAIGHT B type



size: 3/8" ~ 4"

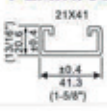
LIQUID TIGHT CONNECTORS

90 ANGLE B type



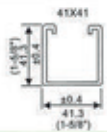
size: 3/8" ~ 4"

PLAIN/SLOTTED SUPPORT CHANNEL



size: 41mmx21mm
41mmx41mm

Material: Steel
Finished: Pre-galvanised,
Hot Dip Galvanised
Length: 2mtr, 3mtr, 6mtr



STRUT CLAMPS



For EMT, IMC & Rigid conduit
Size: 1/2" ~ 4"

BX-FLEX & MC CABLE CONNECTORS



1/2" - 3/4" - 1"

CHANNEL SPRING NUT

LONG TYPE



US Thread
Metric thread

SHORT TYPE



1/4" — 5/16" — 3/8" — 1/2" — 5/8" — 3/4"
6mm-8mm-10mm-12mm-14mm-16mm

LESS TYPE



THREAD BOLTS

Material: Steel
Finished: Zinc Plated, Black, HDG



Length 1m~3m
US Thread 1/4" — 5/16" — 3/8" — 1/2" — 5/8" — 3/4"
Metric thread 6mm-8mm-10mm-12mm-14mm-16mm

