



**Electrical Group**

Distribution of Electrical  
Equipment and Material

CATALOG

# CONDUIT

[www.smelectricalgroup.com](http://www.smelectricalgroup.com)

**CPLAST**<sup>®</sup>

**Copleflex**<sup>MR</sup>

**CMETAL**<sup>®</sup>

**PRODUIT**<sup>TM</sup> **PROCOAT**<sup>TM</sup> **Prime Conduit**



**Plasti-Bond**<sup>™</sup>



# CONDUIT FOR INDUSTRIES

Discover excellence in hazardous area electrical solutions with S&M Electrical Group!

Our company is proud to offer a wide range of products specifically designed to meet the highest standards of quality and safety in hazardous environments. We carry all the conduit equipment for the industry.

At S&M Electrical Group, we understand the importance of safety and reliability in hazardous environments. That's why we are committed to providing products that comply with all relevant standards and regulations, ensuring peace of mind and protection for our customers.

Explore our diverse range of hazardous area products and discover how S&M Electrical Group can meet all your electrical needs with unmatched quality, reliability and excellence.

## EXPORT LEADERS

We export to all of America and the Caribbean



- NORTH AMERICA**
- CENTRAL AMERICA**
- SOUTH AMERICA**
- CARIBBEAN**

## PVC PIPE AND ACCESSORIES IN SCH40/80

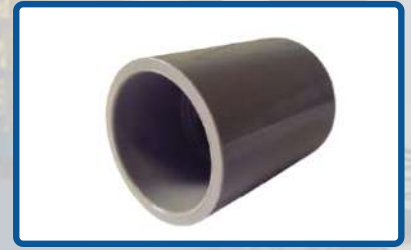
**CPLAST**<sup>®</sup>



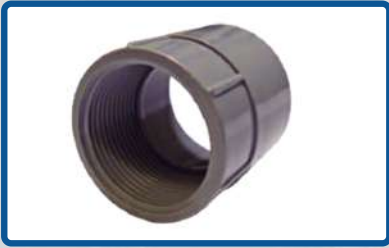
Conduit Pipe  
• PVC



Curved Pipe  
• PVC



Universal Union  
• PVC



Universal Union  
• PVC



Female Connection  
• PVC



Male Connection  
• PVC

**CERTIFICATIONS:** NEMA TC-2 / NEMATC-3 / UL651 / SUNLIGHT RESISTANT / NEC352

## HOT DIP GALVANIZED CONDULET BOX-HDG

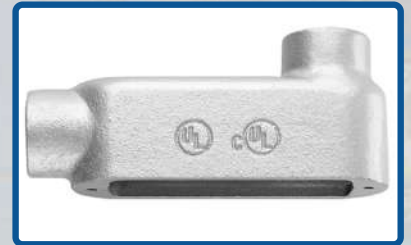
**CMETAL**<sup>®</sup>



Tipo LR  
• HDG



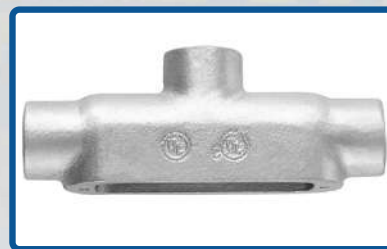
Tipo LL  
• HDG



Tipo LB  
• HDG



Tipo C  
• HDG



Tipo TB  
• HDG



Tipo X  
• HDG

**CERTIFICATIONS:** UL LISTED / FED. SPEC. W-C-586D / NEMA FB-1

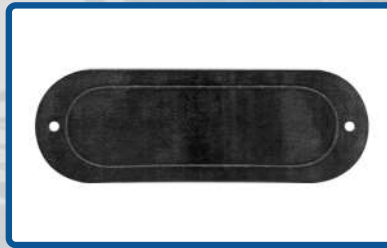
**S  
M**

## HOT DIP GALVANIZED CONDULET BOX-HDG

**CMETAL**<sup>®</sup>



Typo T  
• HDG



Neoprene Gasket  
• HDG



Cast Iron Covers  
• IRON



Sheet steel covers  
• STEEL



Integral gasket  
• HDG

**CERTIFICATIONS:**  
UL LISTED / FED. SPEC. W-C-586D  
NEMA FB-1

## EXPLOSION PROOF FLEXT-UL FLEXIBLE CONDUIT

**Copleflex**<sup>MR</sup>



Curve Conduit  
• STEEL



Conduit  
• STEEL

**CERTIFICATIONS:**  
CLASS I, DIV 2, GROUPS A,B,C,D  
CLASS II, DIV 1, GROUPS E,F,G  
UL LISTED

## LIQUIDTIGHT FLEXIBLE PIPING C/PVC-UL

**AFC**  
CABLE SYSTEMS



Liquidtight flexible  
• STEEL

**CERTIFICATIONS:**  
UL LISTED / IP 68 / NEC 501  
CERTIFICATED CSA C22.2 NO.56  
CLASS 1, DIV 2

**S**  
**M**

## CONDUIT LINE



Galvanized Steel

- Metal
- Steel
- Stainless steel



Radius Elbows

- Metal
- Steel
- Stainless steel



Pipes

- Metal
- Steel
- Stainless steel

## STAINLESS STEEL AND STEEL CONDUIT

PRODUIT™



Codo conduit

- Steel
- Stainless steel



Conduit

- Steel
- Stainless steel



Conexión macho

- Steel
- Stainless steel



Liquidight flexible

- Steel
- Stainless steel



Tipo LL

- Steel
- Stainless steel



Tipo LB

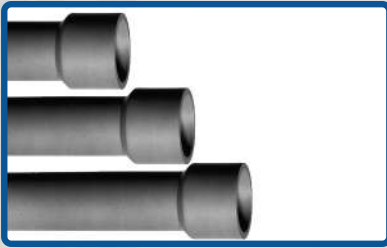
- Steel
- Stainless steel



Condulet

- Steel
- Stainless steel





Schedule PVC Wall EPC /Utility

- **40 PVC HEAVY**  
1/2", 3/4", 1", 1 1/4", 1 1/2", 2, 2 1/2", 3", 3 1/2", 4", 5", 6"
- **80 EXTRA PVC HEAVY**  
1/2", 3/4", 1", 1 1/4", 1 1/2", 2, 2 1/2", 3", 3 1/2", 4", 5", 6"
- **TELEPHONE DUCT**  
Type B and C

• **P&C DUCT**

**CERTIFICATIONS:**

ETL Certified  
UL651  
NEMA TC-2  
WC1094A



Multi-Gard

- **PVC**
- **FIBERGLASS**
- **STEEL**
- **EMT**
- **MOREABLE**

**CERTIFICATIONS:**

UL Listed / UL651  
ETL Certified  
UL Listed EMT



Intra-Gard



Standard Couplings  
• **SCHEDULE 40&80PVC**



Female Adapters  
• **SCHEDULE 40&80PVC**



Terminal Adapters  
• **SCHEDULE 40&80PVC**



Long Line Coupling  
• **SCHEDULE 40&80PVC**



Schedule 40 Split Sleeve Coupling  
• **SCHEDULE 40&80PVC**



Expansion Coupling-One Piece  
• **SCHEDULE 40&80PVC**



Expansion Coupling-Two Piece  
• **SCHEDULE 40&80PVC**



Box Adapters  
• **SCHEDULE 40&80PVC**



End Bells  
• **SCHEDULE 40&80PVC**



## PVC COATED

# Prime Conduit



Type T  
• SCHEDULE 40&80 PVC



Type LL  
• SCHEDULE 40&80 PVC



Type LR  
• SCHEDULE 40&80 PVC



Type LB  
• SCHEDULE 40&80 PVC



Type C  
• SCHEDULE 40&80 PVC



Type E  
• SCHEDULE 40&80 PVC



Pvc Elbows  
• 45°  
• 90°

### CERTIFICATIONS:

ETL Certified  
UL651  
NEMA TC-2  
WC1094A

## PVC COATED

# PROCOAT™



Conduit Bodies  
• PVC COATED



PVC Coated Conduit  
• PVC COATED



# PVC COATED CONDUIT



PVC-Coated Conduit

- ALUMINUM
- STEEL



Nipples

- ALUMINUM
- STEEL



Type LR

- SCHEDULE 40&80 PVC



Conduit Boxes

- 40 MIL GRAY PVC EXTERIOR COATING



Conduit Bodies

- FORM 7 STYLE



Conduit Bodies

- MOGUL STYLE



Conduit Expansion Joints

- 40 MIL GRAY PVC EXTERIOR COATING



Conduit Unions

- 40 MIL GRAY PVC EXTERIOR COATING

## CERTIFICATIONS:

UL 514 A, 514 B, 514 D (E231035)  
CSA C22.2 NO. 18, CSA C22.2 NO.42  
IEC IP69  
UL TYPE 4X





Elbows, Couplings & Nipples

- EMT
- RMC
- ALUMINUM

**90°/45° ELBOWS**

TRADE SIZE	UL MIN. RADIUS**	90° ELBOWS			45° ELBOWS		
		STD. CARTON QTY.	WEIGHT PER CTN. (lbs.)	WEIGHT PER 100 (lbs.)	STD. CARTON QTY.	WEIGHT PER CTN. (lbs.)	WEIGHT PER 100 (lbs.)
½	4	50	13	26	50	12	24
¾	4½	50	23	46	50	20	40
1	5¼	25	23	92	25	18	72
1¼	7¼	20	27	135	20	20	100
1½	8¼	15	30	200	15	22	147
2	9½	10	28	280	10	21	210
2½*	10½	Bulk	—	500	Bulk	—	358
3*	13	Bulk	—	750	Bulk	—	700
3½*	15	Bulk	—	1014	Bulk	—	850
4*	16	Bulk	—	1300	Bulk	—	1000



Metal Conduit

- IMC
- EMT
- RMC
- ALUMINUM

**IMC WEIGHTS AND DIMENSIONS (10' LENGTHS)**

TRADE SIZE	METRIC DESIGNATOR	THREADS/INCH	ACCEPTABLE LENGTH OF FINISHED CONDUIT WITHOUT COUPLING			WEIGHT OF 10 UNIT LENGTHS WITH COUPLINGS		NOMINAL OUTSIDE DIAMETER*		NOMINAL INSIDE DIAMETER**		NOMINAL WALL THICKNESS*	
			ft.	+/- .25 in.	+/- 6 mm	lbs.	kg	in.	mm	in.	mm	in.	mm
½	16	14	9	11¼	3030	62	28.12	0.815	20.70	0.660	16.76	0.078	1.97
¾	21	14	9	11¼	3030	84	38.10	1.029	26.14	0.869	22.07	0.083	2.10
1	27	11½	9	11	3025	119	53.98	1.290	32.77	1.105	28.07	0.093	2.35
1¼	35	11½	9	11	3025	158	71.67	1.638	41.59	1.448	36.77	0.095	2.41
1½	41	11½	9	11	3025	194	88.00	1.883	47.82	1.683	42.74	0.100	2.54
2	53	11½	9	11	3025	256	116.12	2.360	59.93	2.150	54.60	0.105	2.67
2½	63	8	9	10½	3010	441	200.04	2.857	72.57	2.557	64.95	0.150	3.81
3	78	8	9	10½	3010	543	246.30	3.476	88.29	3.176	80.67	0.150	3.81
3½	91	8	9	10¼	3005	629	285.31	3.971	100.86	3.671	93.24	0.150	3.81
4	103	8	9	10¼	3005	700	317.52	4.466	113.44	4.166	105.82	0.150	3.81



Steel EMT



Rigid Metal Conduit



Intermediate Metal Conduit



Rigid Aluminum Conduit

**CERTIFICATIONS:**

UL-797 / UL-1242 / UL-6A / UL-6  
 ANSI C80.3 / ANSI C80.6 / ANSI C80.5  
 NFPA 70: NEC 250.118  
 ANSI/SME B1.20.1