



With its state-of-the-art manufacturing facility in Saudi Arabia, ITCC is the only manufacturer in the region that fully produces the PVC Coated RMC Conduit. This includes the Rigid Steel Conduit, the Rigid Steel Coupling, and the PVC Coating. ITCC PVC Coated RMC Conduits is manufactured as per the industry standard.

### PVC Coated Rigid Steel Conduits

PVC Coated Rigid Metallic Conduit is used for highly corrosive environments. The coating will provide corrosion protection and mechanical protection. Ground continuity is maintained throughout the installation.

#### Features:

- 40 mil anthracite grey (RAL 7016) PVC exterior coating
- Specialized corrosion resistant coating provided on threads
- One Coupling is included with each conduit

#### Standards:

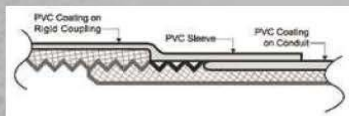
- ITCC RMC conduit is UL listed with the Hot Dipped Galvanized HDG zinc coating as the primary protection as per UL6.
- ARAMCO Vendor ID No. 10054780.
- As per NEMA RN1 specifications.

Code	Trade Size (Inch)	Outside Diameter (Steel Only) (mm)	Outside Diameter (With PVC) (mm)	Nominal Wall Thickness (Steel Only) (mm)	Nominal Wall Thickness (With PVC) (mm)	Nominal Inside Diameter (mm)	Minimum Weight Per Length(Steel Only) (kg)
CTD-R075	3/4	26.70	28.70	2.71	3.73	21.20	4.76
CTD-R100	1"	33.40	35.40	3.20	4.21	27.00	6.94
CTD-R125	1-1/4"	42.20	44.10	3.37	4.39	35.40	9.12
CTD-R150	1-1/2"	48.30	50.20	3.50	4.52	41.20	11.29
CTD-R200	2"	60.30	62.30	3.70	4.72	52.90	15.06
CTD-R250	2-1/2"	73.00	75.00	4.90	5.91	63.20	23.90
CTD R300	3"	88.90	90.90	5.20	6.22	78.50	30.96
CTD-R350	3-1/2"	101.60	103.60	5.46	6.47	90.70	37.69
CTD-R400	4"	114.30	116.30	5.71	6.73	102.90	44.10
CTD-R500	5"	141.30	143.30	6.22	7.23	128.90	59.59
CTD-R600	6"	168.30	170.30	6.75	7.78	154.80	79.17

## COUPLINGS &amp; BUSHING

PVC COATED RMC COUPLING	CODE	TRADE SIZE (INCH)
	CTD-RCP075	½"
	CTD-RCP100	1"
	CTD-RCP125	1½"
	CTD-RCP150	1½"
	CTD-RCP200	2"
	CTD-RCP250	2½"
	CTD-RCP300	3"
	CTD-RCP350	3½"
	CTD-RCP400	4"
	CTD-RCP500	5"
	CTD-RCP600	6"

- 40 mil gray PVC exterior coating
- Sealing sleeves on both ends



Couplings are provided with a PVC sleeve sized to fit tightly over the PVC coated conduit when assembled. This prevents corrosives from contacting threaded joints.

PVC COATED BUSHING	WITH GROUNDING	WITHOUT GROUNDING	TRADE SIZE (INCH)
	CTD-RBG075	CTD-RBI075	¾"
	CTD-RBG100	CTD-RBI100	1"
	CTD-RBG125	CTD-RBI125	1½"
	CTD-RBG150	CTD-RBI150	1½"
	CTD-RBG200	CTD-RBI200	2"
	CTD-RBG250	CTD-RBI250	2½"
	CTD-RBG300	CTD-RBI300	3"
	CTD-RBG350	CTD-RBI350	3½"
	CTD-RBG400	CTD-RBI400	4"
	CTD-RBG500	CTD-RBI500	5"
	CTD-RBG600	CTD-RBI600	6"

\* PVC Coating service is available for other fittings upon customer's request.

## PVC COATED RIGID STEEL FITTINGS

PVC COATED RMC ELBOW (STANDARD RADIUS)	Code	Trade Size (Inch)
	CTD-RLX075	3/4"
	CTD-RLX100	1"
	CTD-RLX125	1-1/4"
	CTD-RLX150	1-1/2"
	CTD-RLX200	2"
	CTD-RLX250	2-1/2"
	CTD-RLX300	3"
	CTD-RLX350	3-1/2"
	CTD-RLX400	4"
	CTD-RLX500	5"
	CTD-RLX600	6"

- Fabricated from ITCC PVC Coated RMC Conduit
- Standard angles in 30°, 45°, 60° and 90° are available (Inquire for other angles)
- Special radii can be manufactured upon request

### Dimensions\* of Special Large Radius 90° Elbows

Trade Size	1"-2½"	1"-3"	1"-4"	1"-4"	1"-5"	1"-6"	1"-6"	1"-6"
When Radius "A" is (Inch)	12"	15"	18"	24"	30"	36"	42"	48"
When Radius "A" is (mm)	304.8	381.00	457.20	609.60	762.00	914.40	1066.80	1219.20
Offset "C" is	1' 9"	2' 0"	2' 4"	2' 11"	3' 5"	3' 11"	4' 6"	5' 0"
Straight End "D" is	9"	9"	10"	11"	11"	11"	12"	12"
Length Unbent is	3' 0"	3' 6"	4' 0"	4' 11"	5' 9"	6' 6"	7' 6"	8' 4"

\*Dimensions apply to 90° elbows only. Inquire for other Radii

\*Lead time to be advised by the factory at the time of order confirmation

#### Measuring Special Radius Elbows:

Locate center of Elbow B. Subtract straight section D from each end and final point E.

Radius A is the distance between B and E.

Offset C is measured as shows:

