



EMERALD

One name, One standard of Excellence.

GUARANTEED ELECTRICAL CONDUITS

HIGH IMPACT PVC PIPES & FITTINGS

DISTRIBUTED BY:

LB JONSON

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PIPES

NOMINAL SIZE		O.D. mm	I.D. mm	t WALL THICKNESS	L LENGTH mm
mm	inches				
20	1/2	20	15.6	2.2	3000
25	3/4	25	20.4	2.3	3000
32	1	32	27.2	2.4	3000
40	1 1/4	40	35.2	2.4	3000
50	1 1/2	50	44.6	2.4	3000
63	2	63	57.4	2.5	3000
75	2 1/2	75	69.2	2.9	3000
90	3	90	83.6	3.5	3000
110	4	110	101.6	4.2	3000

PHYSICAL AND MECHANICAL PROPERTIES

PROPERTY	UNIT	VALUE	TEST METHOD
Vicat Softening Temperature, Minimum	°C	76	PN / ISO 2507
Heat Reversion, Maximum	%	5	PNS 14: 1983 ANNEX A
Water Absorption, Maximum	g/m ²	40	PNS / ISO 2508
Tensile Strength at 28°C Minimum	MPa	27.5	PNS 14: 1983 ANNEX B
Resistance to External Blows at 28°C Max.	%TIR	10	PNS / ISO 3127
Elongation at break, Minimum	%	15	PNS 14: 1983 ANNEX B
Resistance to Acetone	PASSED	PASSED	PNS / ISO 3472
Flattening at 40% Min.	PASSED	PASSED	PNS / ASTM D2241

SPECIAL FEATURES

DIELECTRIC STRENGTH	No breakdown shall occur, when Emerald Pipes are subject to a voltage of 2000V of substantially sine-wave form and having a frequency of 60 Hz for 15 minutes between electrodes.
RESISTANCE TO BURNING	When the pipe is allowed to burn for 1 minute, the flame in it shall die in less than 30 seconds after removing the burner.
INSULATION CHARACTERISTIC	An integral insulator, Emerald Pipe, eliminates the possibility of electrolytic corrosion which often destroys underground metal pipings.

JOINTING METHOD

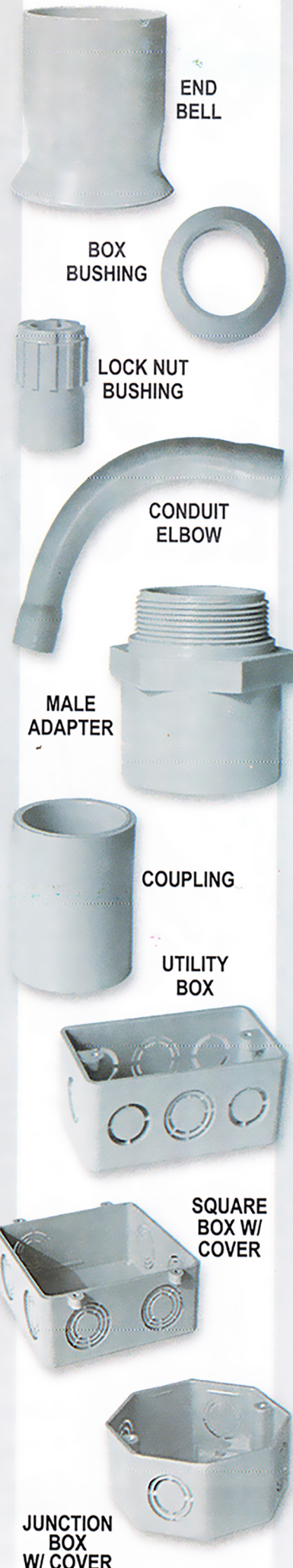
PVC pipes and fitting are joined by solvent cement. For perfectly effective results, use Emerald PVC Solvent Cement, available in 100 cc, 200 cc, 400 cc and 1 gal.

INTERNATIONAL STANDARD REFERENCE
ASTM as per Designation D2241
ISO 2507, 2508, 3127, 3472

PHILIPPINE STANDARD REFERENCE
Bureau of Product Standards PNS 14: 1983
Department of Trade and Industry



FITTINGS



 **EMERALD VINYL CORPORATION**

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JUNCTION BOX W/ COVER