

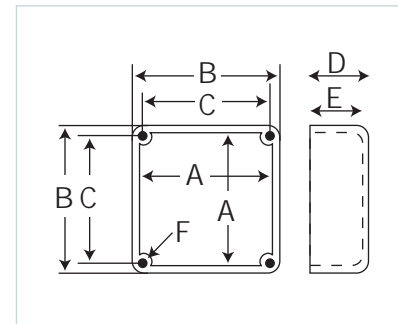
## PVC MOLDED JUNCTION BOXES

Junction boxes are supplied with threaded brass insert, brass screws, PVC gasketing and mounting feet. Nylon and stainless steel screws, as well as larger sizes of fabricated junctions box, are available upon request.

(F = Threaded brass insert size.)



Part Number	Product Code	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	F (inches)	Volume (in. <sup>3</sup> )
JB442	077659	3.675	4.000	3.450	2.125	2.000	8-32	26.5
JB444	077696	3.675	4.000	3.450	4.188	3.750	8-32	51.5
JB446	077669	3.675	4.000	3.450	6.225	6.000	8-32	78.0
JB552	077670	4.680	5.000	4.485	2.000	1.845	8-32	40.0
JB664	077697	6.000	6.375	5.813	4.188	4.000	10-32	138.0
JB666	077698	6.000	6.375	5.813	6.188	6.000	10-32	211.0
JB884	077664	8.075	8.625	7.966	4.230	4.005	1/4-20	434.0
JB887	077671	8.100	8.625	7.966	7.250	7.035	1/4-20	248.0
JB12124	077672	12.085	12.580	11.874	4.256	4.030	1/4-20	577.4
JB12126	077666	12.085	12.580	11.874	6.240	6.025	1/4-20	846.0
JB12128	077668	12.085	12.580	11.874	8.250	8.025	1/4-20	1102.0



Junction boxes are:

NEMA 1, 2, 3, 4, 4x, 6P, 12, 13 UL listed for wet locations.

## FABRICATED BOXES

Unflanged PVC fabricated boxes of any size may be made to customers' specifications and come complete with lids, gaskets and screws.

These boxes are not UL Listed and are not returnable.

## LISTINGS

Scepter Rigid PVC Conduit conforms to these standards:

CSA C22.2 No. 211.2, CSA C22.2 No. 211.0

UL Listed - UL651

Sunlight Resistant

Rated for use with 90°C conductors

NEMA TC2

Corps. of Engineers Spec. CE 303:01

Military Spec, Federal Spec. WC 1094A

Scepter Rigid PVC boxes and fittings conform to these standards:

C22.2 No. 85

UL Listed

UL514B - UL514C



NRTL/C indicator adjacent to the CSA mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada.

NRTL, Nationally Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

## APPROVALS

National Electrical Code, NEC 1999 Article 347, NEC 2002 Article 352

Canadian Electrical Code, Part 1. Rules 12-1100 – 12-1122

## SAMPLE SHORT FORM SPECIFICATIONS

All wiring shall be installed in Rigid PVC conduit and secured to PVC boxes and cabinets by means of proper fittings. All boxes, access fittings and covers shall be furnished with threaded brass inserts, brass screws and PVC gaskets.

Rigid PVC fittings and junction boxes shall be used for all outlets, pull boxes and junction points. All PVC junction boxes shall be NEMA 1, 2, 3, 4, 4X, 6P, 12 and 13 rated and UL Listed for wet locations.

Exposed conduit shall be securely held in place by suitable hangers or straps with the maximum spacing of points for supports not exceeding those specified in the NEC. Except when embedded in concrete, rigid conduit pipe shall not be clamped tightly. It shall be supported in such a manner as to permit adequate linear movement, allowing for expansion and contraction of conduit due to temperature change. Where a temperature change exceeding 25°F is anticipated, or a length is expected to be 1/4" or greater in a straight line between securely mounted items, rigid PVC expansion joints shall be installed in accordance with the manufacturer's recommendations.

Proper care shall be taken when field bending, to maintain the internal diameter and wall thickness of the conduit.

The contractor shall furnish and install Scepter Rigid PVC conduit pipe and fittings made by IPEX. Where the engineer's specifications indicate Scepter products or equivalent, the equivalent shall be UL certified and accepted by the National Electrical Code. Due to broad manufacturing tolerances, all pipe and fitting products shall be of the same manufacturer.