

Allowable Offset		
Pipe Size mm (in)	Max. Allowable Offset For 10' Length mm (in)	Max. Allowable Offset For 20' Length mm (in)
53 (2)	508 (20)	2,007 (79)
78 (3)	356 (14)	1,422 (56)
91 (3½)	305 (12)	1,245 (49)
103 (4)	279 (11)	1,092 (43)
129 (5)	178 (7)	889 (35)
155 (6)	178 (7)	737 (29)

Fittings – Spacers and Push-fit Couplings

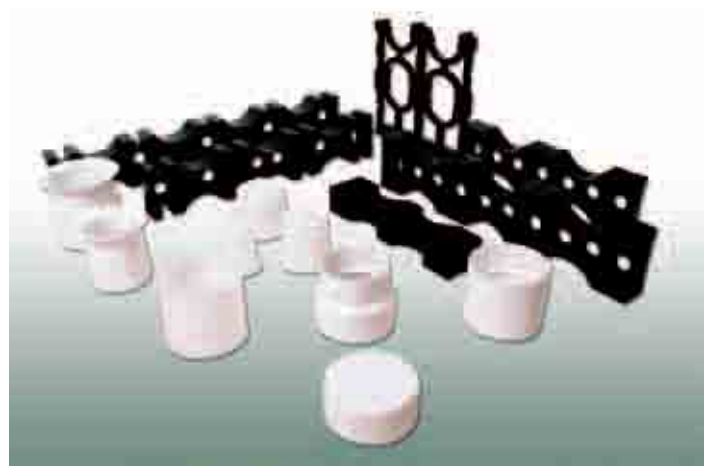
Royal Building Products® Electrical Solutions offers a complete line of fittings for use with our PVC duct pipe.

Spacers

Our product offerings include two styles of spacers: Vertical Lock and MonoBloc. Vertical Lock spacers allow for any number of ways in each duct bank.



Cost-effective, flexible and durable, MonoBloc spacers simplify the installation of duct banks. They can be used as both base and intermediate spacers, but cannot be more than 4 ways in each row. Spacers are available in a wide range of sizes and configurations. Constructed from HDPE (high density polyethylene), they resist corrosion and deterioration.



Polyethylene Push-Fit Couplings

These couplings are used to rapidly assemble cut lengths of duct pipe being encased in concrete. To install these couplings, push the spigot end of the duct into the coupling socket. Place a piece of wood on the end of the coupling, and hammer lightly until the end of the duct butts up against the inside shoulder of the fitting.

Note: Polyethylene push-fit couplings are not watertight and are only recommended for use with PVC Duct encased in concrete.

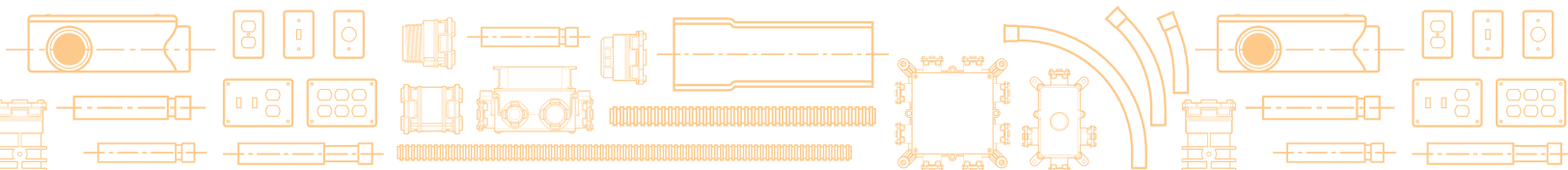
Dimensions

CSA DB2/ES2

Nominal Size mm (in)	Avg. Outside Diameter mm (in)	Avg. Inside Diameter mm (in)	Avg. Wall Thickness mm (in)	Approx. Weight lb/100ft (kg/m)
53 (2)	57 (2.250)	53 (2.090)	2 (0.080)	34 (0.506)
78 (3)	83 (3.250)	78 (3.056)	2 (0.097)	60 (0.893)
91 (3½)	95 (3.730)	89 (3.522)	3 (0.104)	80 (1.190)
103 (4)	107 (4.216)	101 (3.978)	3 (0.119)	96 (1.429)
129 (5)	135 (5.299)	127 (4.989)	4 (0.155)	155 (2.307)
155 (6)	159 (6.275)	151 (5.949)	4 (0.163)	216 (3.214)

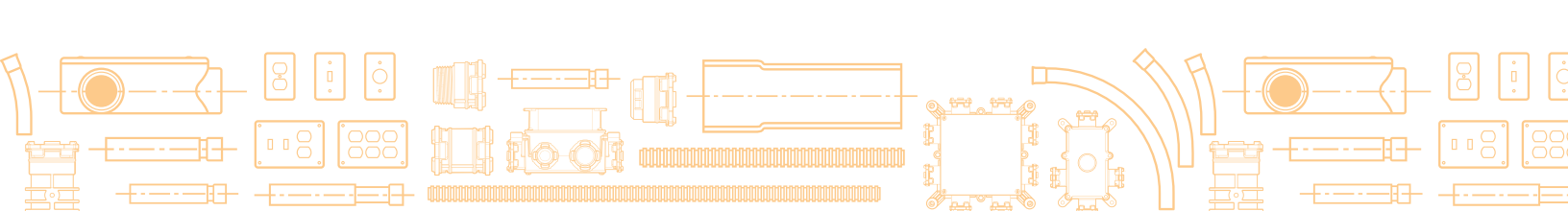
CSA DB2/ES2 - Split Duct

Split duct can be used to install duct around existing cables and to repair damaged duct without cutting and splicing the cables.


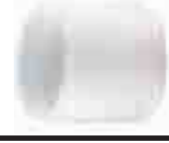







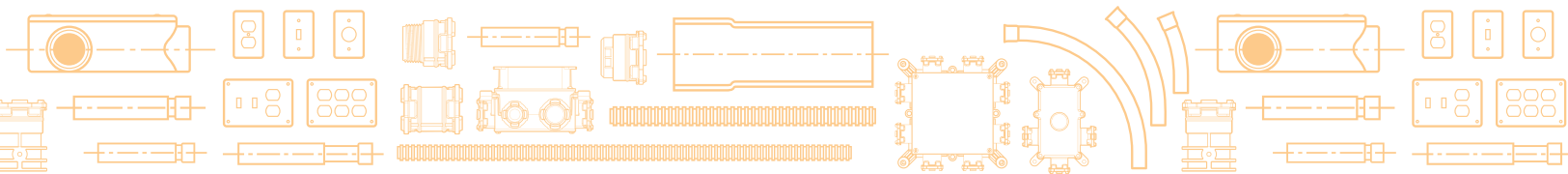
PVC Duct Fittings

Description	Product Number	UPC Number	Size in	Carton Quantity
90° Long Sweep Bend 	90B2x24	41410	2 x 24	100
	90B2x36	41416	2 x 36	100
	90B2x60	41422	2 x 60	100
	90B3x24	41464	3 x 24	100
	90B3x36	41476	3 x 36	100
	90B3x60	41494	3 x 60	100
	90B35x24	41647	3½ x 24	70
	90B35x36	41650	3½ x 36	70
	90B35x60	41653	3½ x 60	70
	90B4x24	41560	4 x 24	70
	90B4x36	41566	4 x 36	70
	90B4x60	41584	4 x 60	70
	90B5x42	41608	5 x 42	20
	90B5x60	41614	5 x 60	20
90B6x60	41638	6 x 60	15	
45° Long Sweep Bend 	45B2x24	41392	2 x 24	100
	45B2x36	41398	2 x 36	100
	45B3x24	41434	3 x 24	100
	45B3x36	41440	3 x 36	100
	45B35x36	41452	3½ x 36	70
	45B4x24	41530	4 x 24	70
	45B4x36	41536	4 x 36	70
	45B4x60	41548	4 x 60	70
	45B5x42	41602	5 x 42	35
	45B6x60	41626	6 x 60	20
22½° Long Sweep Bend 	22B3x24	41428	3 x 24	-
	22B3x36	41429	3 x 36	-
	22B4x36	41512	4 x 36	-
	22B5x42	41590	5 x 42	-
Universal Plug (With pulling eye) 	PLUG02	42010	2	176
	PLUG03	42016	3	200
	PLUG04	42028	4	180
	PLUG05	42040	5	100
	PLUG06	42026	6	90
	Tapered Poly Plug (With pulling eye) 	DRP02	41914	2
DRP03		41920	3	100
DRP035		41926	3½	100
DRP04		41932	4	100
DRP05		41938	5	50
DRP06		41944	6	35
Reducing Coupling 	RC3x2	41860	3 x 2	25
	RC4x2	41872	4 x 2	20
	RC4x3	41878	4 x 3	20
	RC4x35	41884	4 x 3½	20
	RC5x4	41890	5 x 4	20
	RC6x4	41896	6 x 4	25




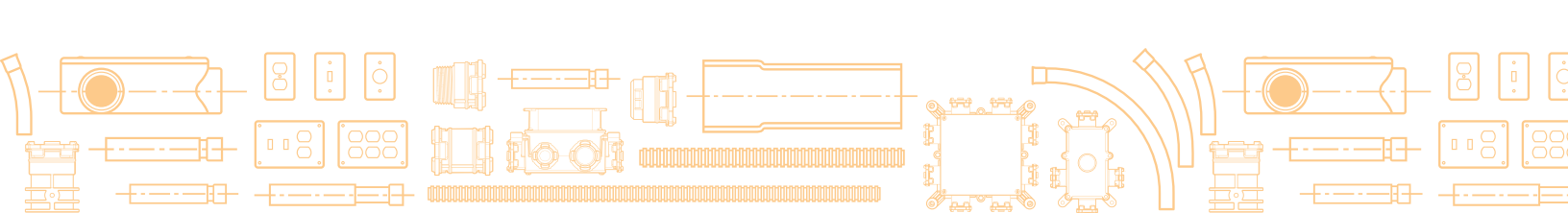
PVC Duct Fittings

Description	Product Number	UPC Number	Size	Carton Quantity
Push Fit Poly Coupling 	PFC02	41782	2	200
	PFC03	41788	3	100
	PFC035	41794	3½	150
	PFC04	41800	4	100
	PFC05	41812	5	50
	PFC06	41818	6	35
Push Fit Poly 5° Coupling 	PFC503	41824	3	100
	PFC5035	41827	3½	90
	PFC504	41830	4	100
	PFC505	41836	5	45
Solvent Weld PVC Coupling 	SWC02	42232	2	25
	SWC02L	42234	2 LONG	25
	SWC03	42238	3	50
	SWC03L	42239	3 LONG	50
	SWC035	42244	3½	50
	SWC04	42250	4	40
	SWC04L	42253	4 LONG	40
	SWC05	42256	5	25
SWC06	42262	6	14	
Solvent Weld PVC 5° Coupling 	SWC502	42274	2	-
	SWC503	42280	3	-
	SWC5035	42286	3½	-
	SWC504	42292	4	40
	SWC504L	42293	4 LONG	40
	SWC505	42304	5	20
	SWC506	42310	6	-
Bell End 	BEL02	41260	2	50
	BEL03	41266	3	60
	BEL035	41272	3½	20
	BEL04	41278	4	60
	BEL05	41284	5	30
	BEL06	41290	6	60
Cap 	CAP02	41296	2	25
	CAP03	41302	3	20
	CAP035	41308	3½	25
	CAP04	41314	4	50
	CAP05	41320	5	10
	CAP06	41326	6	10
Terminator - Bell End Fitting (With Knockout Plug) 	TERM35	41982	3½	-
	TERM04 (w/holes)	41986	4	60





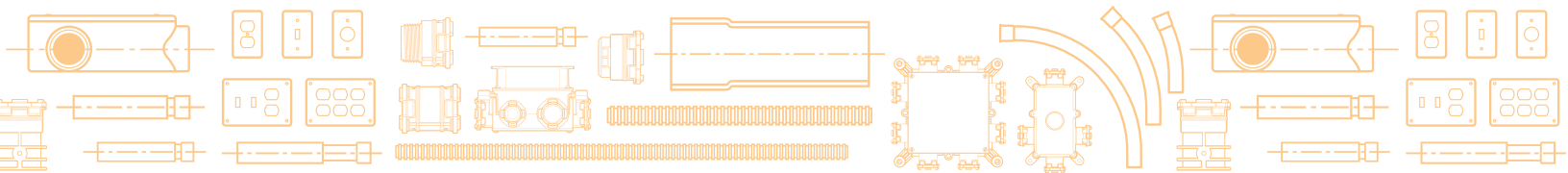
PVC Duct Fittings

Description	Product Number	UPC Number	Size in	Carton Quantity
Female Adapter 	FEMA02	41350	2	25
	FEMA03	41356	3	25
	FEMA035	41362	3½	-
	FEMA04	41368	4	20
	FEMA05	41374	5	-
	FEMA06	41380	6	-
Expansion Joint 	EXPJ02	41332	2	-
	EXPJ03	41338	3	-
	EXPJ035	41345	3½	-
	EXPJ04	41344	4	-
Adapter to A.C. or Fiber Type 1 	ADAP35	41996	3½	-
	ADAP04	41998	4	25
Rigid PVC Conduit Adapter 	ARIG02	41200	2	25
	ARIG03	41206	3	30
	ARIG03L	41207	3 LONG	30
	ARIG035	41214	3½	50
	ARIG04	41218	4	40
	ARIG04L	41219	4 LONG	40
	ARIG05	41236	5	20
	ARIG06	41248	6	12
Reducing Adapter Duct to Rigid PVC Conduit 	ARIG3X2	41212	3 x 2	15
	ARIG3X2L	41213	3 x 2 LONG	15
	ARIG4X2	41224	4 x 2	40
	ARIG4X3	41230	4 x 3	15
Split Y (Wyes) 	SPLY02	41965	2	-
	SPLY03	41968	3	As
	SPLY035	41969	3½	Required
	SPLY04	41974	4	-



PVC Duct Fittings

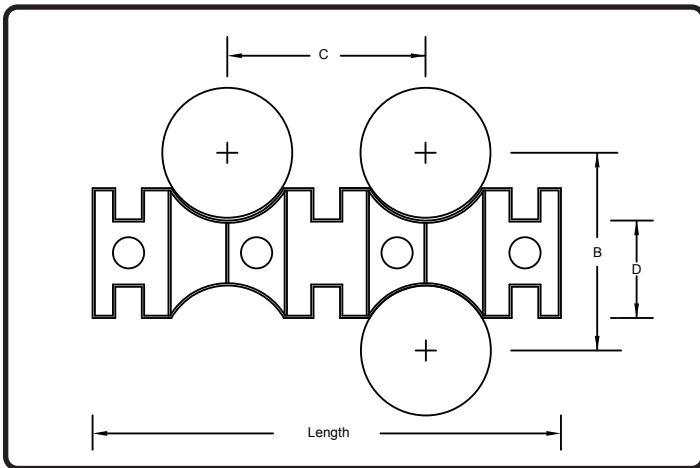
Description	Product Number	UPC Number	Size in	Carton Quantity
Intermediate Vertical Lock Spacer 	IS2015	42136	2 x 1½	350
	IS2020	42142	2 x 2	300
	IS2030	42148	2 x 3	200
	IS3015	42154	3 x 1½	225
	IS3020	42160	3 x 2	200
	IS3030	42166	3 x 3	125
	IS4010	42172	4 x 1	200
	RIS4015*	41902	4 x 1½	140
	RIS4020*	41908	4 x 2	125
	IS4030	42190	4 x 3	90
	IS5015	42196	5 x 1½	100
	IS5020	42202	5 x 2	100
	IS5030	42208	5 x 3	80
	IS6015	42214	6 x 1½	100
	IS6020	42220	6 x 2	90
	IS6030	42226	6 x 3	70
* FOR DB2/PVC				
Base Vertical Lock Spacer 	BS2015	42052	2 x 1½	250
	BS2020	42058	2 x 2	225
	BS2030	42062	2 x 3	200
	BS3015	42070	3 x 1½	175
	BS3020	42076	3 x 2	155
	BS3030	42082	3 x 3	150
	BS4010	42084	4 x 1	175
	RBS4015*	41848	4 x 1½	140
	RBS4020*	41854	4 x 2	140
	BS4030	42094	4 x 3	120
	BS5015	42100	5 x 1½	120
	BS5020	42106	5 x 2	120
	BS5030	42112	5 x 3	100
	BS6015	42118	6 x 1½	100
	BS6020	42114	6 x 2	100
	BS6030	42130	6 x 3	95
* FOR DB2/PVC				



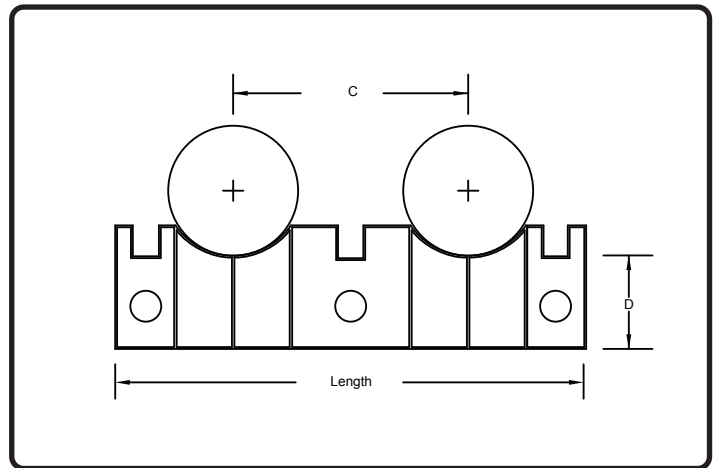
MonoBloc Spacers - Table Selection (in inches)

Product Number	Description	Trade Size (in)	Length (in)	Vertical Spacing (B) mm (in)	Horizontal Spacing (C) mm (in)	Ground Clearance (D) (in)
DMB351122	3½" Trade Size, 2 Way	3½	12.5	130 (5.1)	118 (4.6)	2.0
DMB351123	3½" Trade Size, 3 Way	3½	16.9	135 (5.3)	120 (4.7)	2.0
DMB351124	3½" Trade Size, 4 Way	3½	21.5	135 (5.3)	120 (4.7)	2.0
DMB42232	4" Trade Size, 2 Way	4	14.3	165 (6.5)	158 (6.2)	3.0
DMB42233	4" Trade Size, 3 Way	4	20.5	165 (6.5)	158 (6.2)	3.0
DMB42234	4" Trade Size, 4 Way	4	27.0	165 (6.5)	158 (6.2)	3.0
DMB43332*	4" Trade Size, 2 Way	4	15.0	190 (7.5)	190 (7.5)	3.0
DMB43332B*	4" Trade Size, 2 Way (Base)	4	15.0	N/A	190 (7.5)	3.0
DMB452232	4½" Trade Size, 2 Way	4½	15.5	165 (6.5)	173 (6.8)	3.0
DMB452233	3½" Trade Size, 3 Way	4½	22.2	175 (6.9)	170 (6.7)	3.0

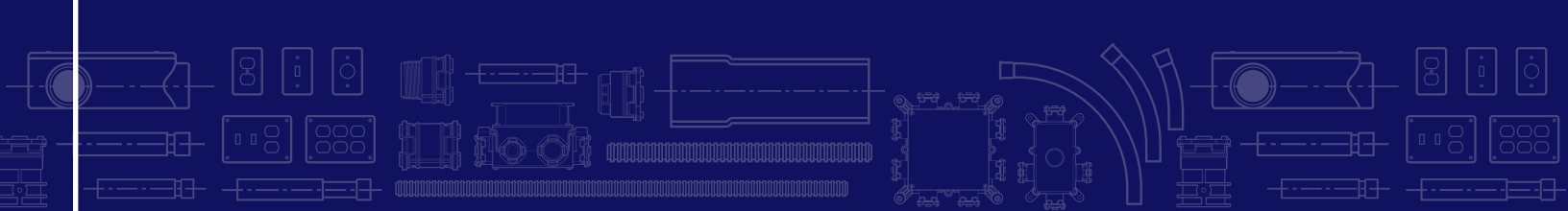
*190mm Spacing - Centre to Centre between Ducts



Intermediate Spacer Reference Points.



Base Spacer Reference Points.



Our various pipe and fittings solutions have been manufactured to meet the needs of our customers and their applications. Contact one of the below Sales Centres for more information:

- Municipal Pipe & Fittings Solutions
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E_UDPF_BRV4
Printed 02.2014