



Intertek



BC
CONDUIT



CABLE MANAGEMENT SYSTEM CONDUITS, FITTINGS & ACCESSORIES

SaudiFastGrowth **100**
Real Companies, Real Growth, Real Success



ISO 9001:2008
American Systems Registrar
Certificate No: 5107



INTERTEK ETL SEMKO
Conduit Systems: Medium Duty
Sizes: 20/25/32/50 mm
Test Report Ref: 1301827-1



INTERTEK ETL SEMKO
Conduit Systems: Heavy Duty
Sizes: 20/25/32/50 mm
Test Report Ref: 1301827-2



INTERTEK ETL SEMKO
Conduit Systems: Extra Heavy Duty
Sizes: 20/25/32/50 mm
Test Report Ref: 1301827-3



S INTERTEK
Certification for
Medium, Heavy & Extra Heavy Duty Conduits
Certificate Ref: 1301827



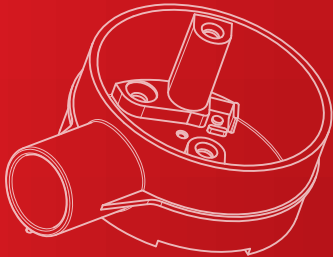
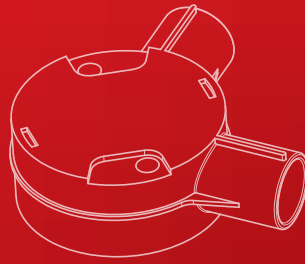
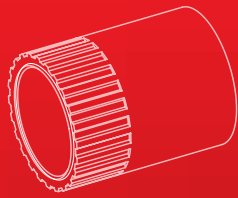
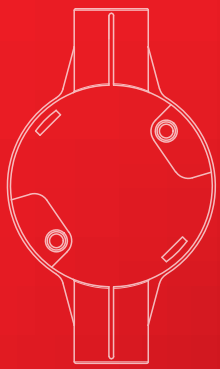
S INTERTEK
Certification for
Junction Boxes
Certificate Ref: 1313485



UL CERTIFICATION
UL 651 Standard for SCH 40,80, Type EB and
Rigid PVC Conduits and Fittings
Certificate Ref: 20150304-E471489



S INTERTEK
Certification for
Fittings & Accessories for Conduits
Certificate Ref: 1313493



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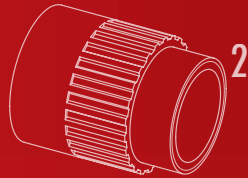
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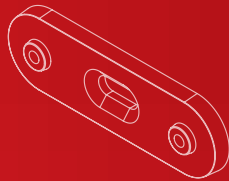
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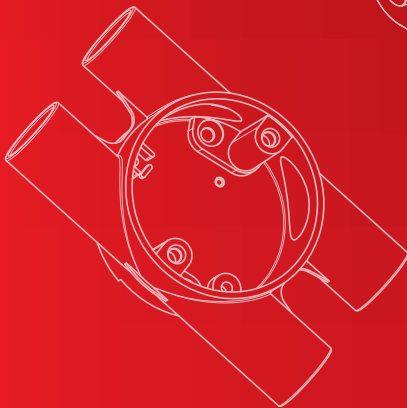
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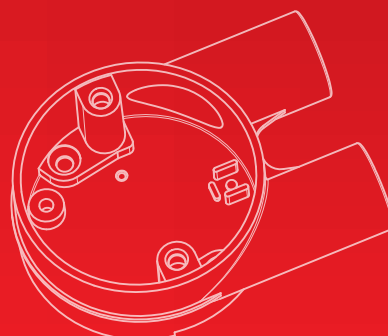
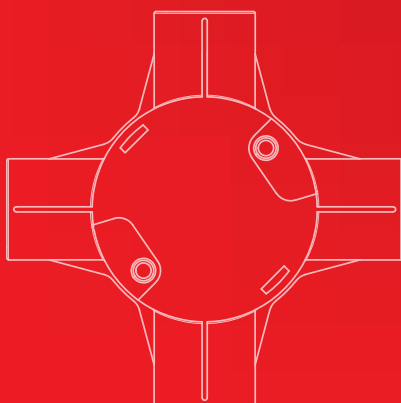
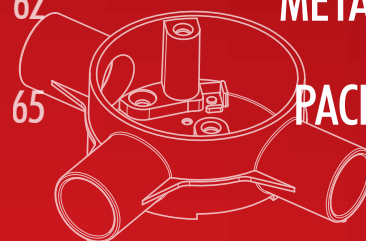


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GENERAL

INTRODUCTION



BC Conduit was established in 2013 to serve Saudi & MENA Market. It is based inside Bahra Cables Company, located 25 km from Jeddah.

BC Conduit started production of a variety of high quality polyvinyl chloride and unplasticised polyvinyl chloride (PVC & UPVC) compound in its state-of-the-art factory, which has an annual output capacity of over 36,000 tons. The company has the flexibility to produce a versatile range of PVC & UPVC products, to serve the construction and electrical utilities. The produced conduits and accessories comply with the American standards (NEMA and UL), European standards (IEC, BS and DIN) and Saudi and Gulf Standards (SASO and GSO).

The company sources PVC & UPVC feedstock from Saudi Basic Industries Corporation (SABIC) to produce the granule, also used for jacketing and insulating the cables. SABIC is one of the world's largest manufacturers of PVC & UPVC and the sole producer in Saudi Arabia.

The factory built with the expertise of Buss Company of Switzerland, is completely integrated and equipped with the latest technologies in the field.

The ability to manufacture UPVC compounds improves Bahra Cable Company's control over the material used in its cable and wire production, reduces product cost and adds higher performance values to its products.

The new factory also eliminates the need for local sourcing of PVC & UPVC compounds, ensures superior quality production of cables and creates more career opportunities in the region at the same time.

AREA

Bahra Cables Company has a total land area of about 500,000sqm at disposal. The built-up area, including offices and plant, is more than 100,000sqm.

MATERIAL INTRODUCTION

Polyvinyl Chloride, commonly known as PVC, was first recognized and characterized more 110 years ago, but due to its poor thermal stability making processing difficult, it was potentially introduced to the market only by 1930.

The problem caused by poor thermal stability were overcome by development of suitable stabilizers systems and PVC is now one of the world's leading synthetic polymer having very diverse applications.

The ability to change its properties, by the addition of plasticisers, from a hard rigid material to one that is soft and flexible enables a wide variety of processing equipment to be used to produce an almost limitless range of products to a thick cream.

UPVC is used for the production of extrusions and molding. And it is universally accepted as having the most suitable properties for use within the electrical industry.

BC Conduit Standards

BC Conduit PVC & UPVC products are manufactured in accordance with European (IEC, BS and DIN) standards, American standards (NEMA and UL) and Saudi and Gulf standards (SASO and GSO).

IEC 60423:	Conduit Systems for cable management – Outside diameters of conduits for electrical installations and threads for conduits and fittings.
BS EN 61386-1 IEC 61386-1:	Conduit systems for cable management — Part 1: General requirements
BS EN 61386-21 & IEC 61386 -21:	Conduit systems for cable management - Part 21: Particular requirements - Rigid PVC conduit systems.
BS EN 60670-1 2005 A 2013 & IEC 60670-1:	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations

NOTE:

BS 6099-1:1981 was superseded with BS EN 50086-1:1994 which also withdrawn and superseded with BS EN 61386-1:2004 which also replaced by BS EN 61386-1:2008.

BS 6099-2-2.2:1982, IEC 60614-2-2:1980 was superseded with BS EN 50086-2-1:1996 which also withdrawn and replaced by BS EN 61386-21:2010 SASO 254/255 was replaced by SASO / IEC 61386-1 & SASO / IEC 61386-21.

NEMA TC2:	Electrical Polyvinyl Chloride Rigid (PVC) Conduit.
NEMA TC 6 & 8-2013:	Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installers.
NEMA TC 3:	Polyvinyl Chloride (PVC) Fittings for Use with Rigid PVC Conduit and Tubing For NEMA TC 2
NEMA TC 9:	Fittings for polyvinyl chloride (PVC) plastic utilities duct for underground installation for NEMA TC 6 & 8.
Regulations:	Bahra System complies with all the relevant requirement of the latest edition of the BS 7671 (IEE Wiring Regulations).
UL 651:	Schedule 40, 80, Type EB, DB and A Rigid PVC Conduit and Fittings.
GSO 32/2007:	Methods of testing plastic conduits and fitting for electrical installations.
GSO 33/2007:	Plastic conduits and fittings for electrical installations
SASO 14 (GS 675) DIN 8061/8062:	Unplasticized Polyvinyl Chloride (UPVC) Pipes Class 2, 3 & 4 & Class 5
SASO 15 (GS 676)	Methods of testing of Unplasticized Polyvinyl Chloride (UPVC) Pipes Class 2, 3, 4, & Class 5
BS-3506	Rigid PVC Pipes Class B & Class C & O for Industrial uses.
IEE Wiring Regulations:	Bahra System complies with all the relevant requirement of the latest edition of the BS 7671 (IEE Wiring Regulations).



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TELESCOPIC EXPANSION**

PRODUCT CERTIFICATIONS AND APPROVALS



Certified by American Systems Registrar (ASR).



BC Conduit is certified for European Product Safety  for the following products:

- Medium, heavy and extra heavy duty grade type conduits
(Ref. 1301827-1, 1301827-2, 1301827-3)
- Fittings and accessories for conduits (Ref. 1313493)
- Junction Boxes (Ref. 1313485)



BC Conduit's with SASO quality mark.



BC Conduit satisfies provisions for CE marking,  according to Low Voltage Directive 2006/95/EC.

BC Conduit's conduits & accessories are resistant to external influences according to following IP Codes:

- | | |
|--------------------------------------------------|------|
| • Extra Heavy duty conduits and accessories | IP66 |
| • Heavy and Medium duty conduits and accessories | IP55 |
| • Junction Boxes | IP50 |




Schedule 40, File no: E471489 Rigid PVC Conduits According to UL651




Approved Supplier with Aramco Vendor Code 10054650 with 9COM (600000811)




Official Distributor for Conduit Accessories.




10054650
9COM
600000811




Ref: 1301827




Intertek
Ref: 1301827
Ref: 1313493
Ref: 1313485




95/2006/EC
Low Voltage Directive




10054650
9COM
600000811




Official Distributor



ISO 9001:2008
ASR
American Systems
REGISTRAR
Certificate No. 5107





INTRODUCTION

CUSTOMER SATISFACTION:

Our Main objective is to provide quality products with exceptional quality assurance and excellence in customer service.

BC CONDUIT TECHNICAL TEAM:

The manufacture of high quality PVC & UPVC pipes requires a high degree of technical skills. BC Conduit has highly qualified technical team for any support to satisfy client and consultant.

ADVANTAGES WITH BC CONDUIT PRODUCTS

LIGHT WEIGHT AND EASY TO INSTALL

Weight less than 1/5 as much as steel and 1/2 as much as aluminum it means quick, easy installation, labor saving and reduced total job time

NON CORROSIVE

Since PVC can't corrode & is not affected by concrete additives, electrolysis, corrosive atmosphere, soils salts or excessive humidity. Hence services life under these conditions is far superior to that of other conduit materials.

FIRE RESISTANT

PVC is a thermoplastic material that inherently resists continuous combustion. It is classified as self-extinguishing when tested to ASTM D 635.

NON MAGNETIC

PVC is non magnetic, thus it reduces voltage drop and minimizes power loss.

RELIABLE JOINTS AND EASY IN PULLING THROUGH

Installation is simple, fast with solvent cement joints, Bahra conduit requires no threading. Its smooth enough, uniform interior walls make wire pull through faster and easier.

SAFETY

PVC conduits is non conductive and non-sparking. PVC conduits eliminate the dangerous second point of contact and phase to ground faults.

ASSEMBLY

All that is required to join your BC fittings with BC conduit is BSG solvent cement.

STRENGTH

Conduits & Fittings offer both high impact and high tensile strength.

CORROSION RESISTANT

PVC is resistant to external corrosion and pitting and will not rust. This ensures a lower maintenance cost and a longer performance life.

NON-CONDUCTIVE

PVC eliminates the most dangerous second point of contact in phase to ground faults. The use of a separate grounding conductor gives a complete and positive ground for the entire system.

CHEMICAL RESISTANT

Conduits & BC Fittings are resistant to a wide range of chemicals such as acids, alkalis or salt solutions.

TECHNICAL INFORMATION

IEC, BS & EN STANDARDS

UPVC PROPERTIES

PROPERTY	ASTM TEST METHOD	UNIT	VALUE
General Properties:			
Density	D-792	gm/cm ³	1.40 - 1.55
Water Absorption	D-570/Proc. A	%	Max ±0.03
Mechanical Properties:			
Tensile Strength, Ultimate	D-638	kg/cm ²	421.1
Modulus of Elasticity	D-638	psi	400000
Flexural Strength	D-790	Mpa	80
Hardness	D-785	Shore D	90
Izod Impact Strength	D-256	J/M	27-81
Thermal Properties:			
Heat Deflection Temp.	D-648 (Load 0.455 MPa)	°C	84.44
Vicat Softening Temp.	D-1525 (Rate B)	°C	84
Co-efficient of Thermal Expansion	D-696	mm/m/10°C	3 x 10 ⁻⁶
Thermal Conductivity	C-177	W/(°Km)	0.19
Flammability Properties:			
Flammability	D-635	Resistance	Self extinguishing within 30s
Extent of Burning	D-635	mm	<50
Flammability Rating	UL-94	rating	V-O
Electrical Properties:			
Volume Resistivity	D-257	ohm.cm	3.23x10 ¹¹
Surface Resistance	D-257	ohms	> 10 ¹¹



TECHNICAL INFORMATION

AMERICAN STANDARDS

UPVC PROPERTIES

PROPERTY	ASTM TEST METHOD	UNIT	VALUE
General Properties:			
Density	D-792	gm/cm ³	1.47 ±0.03
Water Absorption	D-570/Proc. A	%	Max ±0.03
Mechanical Properties:			
Tensile Strength, Ultimate	D-638	kg/cm ²	492
Modulus of Elasticity	D-638	psi	400000-500000
Flexural Strength	D-790	Mpa	80
Hardness	D-785	Shore D	90
Izod Impact Strength	D-256	J/M	27-81
Thermal Properties:			
Heat Deflection Temp.	D-648 (Load 0.455 MPa)	°C	85
Vicat Softening Temp.	D-1525 (Rate B)	°C	84.93
Co-efficient of Thermal Expansion	D-696	mm/m/°C	4.5 x 10 ⁻⁶
Thermal Conductivity	C-177	W/(°Km)	0.19
Flammability Properties:			
Flammability	D-635	Resistance	Self extinguishing
Extent of Burning	D-635	mm	<25
Flammability Rating	UL-94	rating	V-O
Electrical Properties:			
Volume Resistivity	D-257	ohm.cm	3.4x10 ¹¹
Surface Resistance	D-257	ohms	> 10 ¹¹



PRODUCT LIST OF MATERIAL

List of Products:

- Extra Heavy Duty UPVC Conduit
- Heavy Duty UPVC Conduit
- Medium Duty UPVC Conduit
- Light Duty UPVC Conduit
- Standard Coupling
- Expansion Coupling
- Bend Heavy Duty With Bell Ends
- Bend Light Duty With Bell Ends
- Round Spring Clips
- Female Adapter /Double
- Male Adapter
- Bushing for Female Adapter
- Adaptable Boxes
- Metallic Boxes
- UPVC Cement
- Lock Nut
- Lock Ring For Male Adapter
- Strap Saddles
- Saddle with Base
- Telescoping Double Tube Expansion Coupling
- Loop in Box
- Reducers
- Terminal One Way Box & Back Outlet
- Through Two Way Box & Back Outlet
- Angle Two Way Box & Back Outlet
- U Two Way Box & Back Outlet
- Tee Three Way Box & Back Outlet
- Intersection Four Way Box & Back Outlet
- H Four Way Box & Back Outlet-
- Circular Lids
- Rubber Gasket
- Circular Extension Ring
- Bending Springs
- Rigid PVC Conduits (NEMA TC2)
- Fabricated Couplings & End Bells (NEMA TC3)
- Type EB20 (NEMA TC6 & 8)
- Type EB35 (NEMA TC6 & 8)
- Type DB60 (NEMA TC6 & 8)
- Type DB120 (NEMA TC6 & 8)
- All Fittings (NEMA TC9)
- Class 2 (SASO)
- Class 3 (SASO)
- Class 4 (SASO)
- Class 5 (SASO)
- UPVC Elbows (SASO) 90deg & Different Angels
- Male Terminal Adapter
- Expansion Fittings
- End Bells
- End Caps
- Intermediate Spacers, Base Spacers
- BS-3506 Conduit & Fittings



**IEC, BRITISH & EUROPEAN
STANDARD**

**TECHNICAL INFORMATION
IEC, BS & EN STANDARDS**

CONDUIT (ROUND SECTION HEAVY GAUGE HIGH IMPACT)

For classic conduit installation this provides a high degree of fortification or safety.

Temperature range: -5°C to 60°C (Minimum and Maximum), complies with BS EN/ IEC 61386-1 section 6.6.

BC Conduits can comply up to 75°C as tested by Bahra QC department.

Heavy Mechanical Stress (Section 2.2) complies with all related requirements of 16th edition of IEE Wiring Regulation and provides high degree of fortification or safety.

Outside θ (mm)	W.Thickness (mm)	Weight (kg/m)	Cross Section Area(mm ²)
20	1.8	0.163	103
25	1.9	0.219	138
32	2.5	0.367	232
38	2.5	0.442	278
50	3.2	0.747	470

Conduits, Grades, Area and Weights

BC conduits are manufactured and tested as per IEC / EN 61386 (previously BS 6099) to withstand a wide range of impact and compression forces starting with Light Duty (2221), Medium Duty (3321) for flush and service applications, Heavy Duty (4421) for ceiling and wall installations, and Extra Heavy Duty (5521) for installation inside bulk concrete in temperature range of -5°C to 60°C.

The following table shows the Nominal Dimensions of each type:

Outside Diameter (mm)	Light	Medium	Heavy	Light	Medium	Heavy
	Nominal Thickness (mm)			Internal Area (mm ²)		
20	1.2	1.6	1.8	243	222	211
25	1.4	1.8	1.9	387	360	353
32	1.5	2.1	2.5	660	607	573
38	1.5	2.2	2.5	962	887	855
50	1.9	2.5	3.2	1590	1590	1493

Note: Extra Heavy Duty also available



EXTRA HEAVY DUTY UPVC CONDUIT * | IEC CODE 5521 4000N

Item Code	Nominal Size (O.D.)	Standard Packs		Bulk Packs
		Pcs	Mtrs	Pcs
BEP-2	20	50	145	4550
BEP-3	25	25	72.5	3000
BEP-4	32	20	58	1800
BEP-5	38	20	58	1300
BEP-6	50	5	14.5	720

HEAVY DUTY UPVC CONDUIT * | IEC CODE 4421 1250N

Item Code	Nominal Size (O.D.)	Wall Thickness	Standard Packs		Bulk Packs
			Pcs	Mtrs	Pcs
BSP-2	20	1.8	50	145	4550
BSP-3	25	1.9	25	72.5	3000
BSP-4	32	2.5	20	58	1800
BSP-5	38	2.5	20	58	1300
BSP 6	50	3.2	5	14.5	720

MEDIUM DUTY UPVC CONDUIT * | IEC CODE 3321 750N

Item Code	Nominal Size (O.D.)	Wall Thickness	Standard Packs		Bulk Packs
			Pcs	Mtrs	Pcs
BMP-2	20	1.6	50	145	4550
BMP-3	25	1.8	25	72.5	3000
BMP-4	32	2.1	20	58	1800
BMP-5	38	2.2	20	58	1300
BMP 6	50	2.5	5	14.5	720

LIGHT DUTY UPVC CONDUIT * | IEC CODE 2221 320N

Item Code	Nominal Size (O.D.)	Wall Thickness	Standard Packs		Bulk Packs
			Pcs	Mtrs	Pcs
BLP-2	20	1.2	50	145	4550
BLP-3	25	1.4	25	72.5	3000
BLP-4	32	1.5	20	58	1800
BLP-5	38	1.5	20	58	1300
BLP 6	50	1.9	5	14.5	720



All pipes are also available with sockets

NEW

All pipes are also available with sockets

NEW

* Manufactured according to BS 6099, EN 61386 (IEC 61386), part 1 & 21 standard length 2.9m. Other lengths available on request.

*All above are available in 2 colors: Black and White. When ordering, use color suffix BK WT with socket please mention 's' at the end of part number.



Ref: 1301827

2006/95/EC
Low Voltage Directive

IEC, BS & EN CONDUIT SYSTEM

STANDARD COUPLING

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BSC 2	20	100	20,000
BSC 3	25	100	10,000
BSC 4	32	25	5,000
BSC 5	38	25	2,500
BSC 6	50	20	2,000



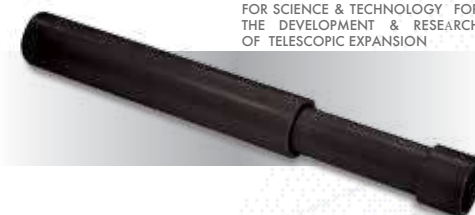
EXPANSION COUPLING

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BEC 2	20	50	800
BEC 3	25	25	625
BEC 4	32	20	260
BEC 5	38	10	250
BEC 6	50	10	120



* TELESCOPING DOUBLE TUBE EXPANSION COUPLING

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BTEC2	20	60	6,000
BTEC3	25	50	5,000
BTEC4	32	25	2,500
BTEC5	38	15	300
BTEC6	50	50	900



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OF TELESCOPING EXPANSION

FEMALE ADAPTERS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BFA 2	20	100	20,000
BFA 3	25	100	10,000
BFA 4	32	50	5,000
BFA 5	38	25	5,000
BFA 6	50	20	3,000



MALE ADAPTERS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BMA 2	20	100	20,000
BMA 3	25	100	20,000
BMA 4	32	50	10,000
BMA 5	38	25	5,000
BMA 6	50	20	2,000



All above products available in 2 colors: Black and White. When ordering use color suffix BK WT

BAHRA DOUBLE FEMALE ADAPTER

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BDFA 2	20	100	20,000
BDFA 3	25	100	20,000



BUSHING FOR FEMALE ADAPTER

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
TBM 2	20	1000	100,000
TBM 3	25	500	50,000
TBM 4	32	100	2600
TBM 5	38	50	2000
TBM 6	50	25	1000



LOCK RING FOR MALE ADAPTER

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
TLF 2	20	1,000	100,000
TLF 3	25	1,000	100,000
TLF 4	32	200	20,000
TLF 5	38	200	20,000
TLF 6	50	100	10,000



ROUND SPRING CLIPS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BCC 2	20	200	5200
BCC 3	25	100	4000



BENDS-HEAVY DUTY WITH BELL ENDS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BHB 2	20	30	3,000
BHB 3	25	15	1,500
BHB 4	32	100	600
BHB 5	38	60	360
BHB 6	50	40	150



BENDS-HEAVY DUTY WITH COUPLINGS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BNB 2	20	30	3,000
BNB 3	25	15	1,500
BNB 4	32	100	600
BNB 5	38	60	360
BNB 6	50	40	150



*Note: 45° also manufactured as per request

REDUCERS

Item Code	Size (mm)	Standard Packs	Bulk Packs(Pcs)
BRC 2/3	25/20	100	20,000
BRC 3/4	32/25	100	10,000



BAHRA REDUCERS BUSH

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BRB 2/3	25/20	100	20,000
BRB 3/4	32/25	100	20,000



STRAP SADDLES

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BPS 2	20	200	40,000
BPS 3	25	200	40,000
BPS 4	32	100	20,000
BPS 5	38	25	2000
BPS 6	50	25	1300



SADDLE WITH BASE

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BSB 2	20	100	20,000
BSB 3	25	100	20,000
BSB 4	32	100	10,000
BSB 5	38	25	2,500
BSB 6	50	25	2,500



LOOP IN BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/1	20 K.O.(4)	30	6,000
3/BRB/1	25 K.O.(4)	30	6,000



TERMINAL - ONE WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/2	20	25	2,500
3/BRB/2	25	25	2,500



THROUGH - TWO WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/3	20	25	2,500
3/BRB/3	25	25	2,500



ANGLE - TWO WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/4	20	25	2,500
3/BRB/4	25	25	2,500



U - TWO WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/12	20	25	2,500
3/BRB/12	25	25	2,500



TEE - THREE WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/5	20	20	2,000
3/BRB/5	25	20	2,000



Y - THREE WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/13	20	25	2,500
3/BRB/13	25	25	2,500



INTERSECTION - FOUR WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/6	20	20	2,000
3/BRB/6	25	20	2,000



H - FOUR WAY BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/14	20	25	2,500
3/BRB/14	25	25	2,500



TERMINAL ONE WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/7	20	20	3,000
3/BRB/7	25	20	3,000



All above products available in 2 colors: Black and White. When ordering use color suffix BK WT

THROUGH TWO WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/8	20	20	3,000
3/BRB/8	25	20	3,000



ANGLE TWO WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/9	20	20	3,000
3/BRB/9	25	20	3,000



TEE THREE WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/10	20	20	3,000
3/BRB/10	25	10	1,500



INTERSECTION FOUR WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/11	20	10	1,500
3/BRB/11	25	10	1,500



U - TWO WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/15	20	20	3,000
3/BRB/15	25	20	3,000



Y - THREE WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/16	20	20	3,000
3/BRB/16	25	10	1,500



All above products available in 2 colors: Black and White. When ordering use color suffix BK WT

H - FOUR WAY & BACK OUTLET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
2/BRB/17	20	10	1,500
3/BRB/17	25	10	1,500



INSPECTION ELBOWS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BIE 2	20	25	650
BIE 3	25	25	400



INSPECTION TEES

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BIT 2	20	20	520
BIT 3	25	20	320



INSPECTION BENDS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BIB 2	20	25	400
BIB 3	25	20	320



CIRCULAR LIDS

(Included with two screws to fix.)

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BSL 2	66	200	40,000



RUBBER GASKET

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BRG	66	100	2600



Available in 2 colors: Black and White. When ordering, use color suffix BK WT

CIRCULAR EXTENSION RING (INCLUDED)

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BER 2	20	72	7200
BER 3	25	60	6000
BER 4	32	36	3600
BER 5	38	36	3600
BER 6	50	10	1000



PLIABLE CONDUIT ADAPTERS

Item Code	Size (mm)	Standard Packs	Bulk Packs (Pcs)
BFC 2	20	50	2000
BFC 3	25	100	1200



ADAPTABLE BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs(Pcs)
BAB 1	85x83x62	250	3,000
BAB 2	102x100x62	104	1,248



ADAPTABLE BOX

Item Code	Size (mm)	Standard Packs	Bulk Packs(Pcs)
BAB 2BK	100x100x75	104	1,248



BAB1BK also available in White.

WIRE PULLER

Item Code	Diameter (mm)	Size (meter)
BWP 1	4.5	15
BWP 2	4.5	30



BENDING SPRINGS

Heavy Gauge Item Code	Conduit Size (mm)	Light Gauge Item Code	Bulk Packs
BSS H2	20	BSS L2	40
BSS H3	25	BSS L3	25
BSS H4	32	BSS L4	15



Heavy Gauge springs are suitable for heavy & medium gauge conduits while light gauge springs are suitable for light gauge conduits.

PVC CEMENT

CLEAR PVC SOLVENT CEMENT FOR PVC PIPES AND FITTINGS

Item Code	Size (ml)	Standard Packs	Bulk Packs (Pcs)
BSG 1 (E)*	118	48	3,000
BSG 2 (E)*	237	24	1680
BSG 3 (E)*	473	12	600
BSG 4 (E)*	946	6	150

Available in 118ml, 237ml, 473ml and 946ml cans with applicator.
Suitable for use with PVC & UPVC BC Conduit, trunking & fittings.
Available as Made in Canada.



MADE IN CANADA

CEMENTING PROCEDURE

1. Remove all sharp edges or burrs from the inside and outside of the conduit and fittings.
2. Be sure that the surfaces of conduit and conduit fittings are free from dirt, moisture, oil and other foreign particles.
3. For applying Solvent Cement, use gloves and never let the cement to get on to your hands.
4. Apply a coat of BSG Solvent Cement to the end of conduit and the length of the socket to be attached.
 - a. If cement looks dry before joining, apply the dry parts with another coating, make sure the cement does not get dry before getting the parts together.
5. Slide the parts together and give a quarter turn to ensure the solvent is spread evenly on the material.
6. Hold together both parts for a few seconds until the joint is completely firm.

