



**ELECTRICAL
INDUSTRIES**
GROUP

PLASTICS

PRODUCT CATALOG



CENTURY ESLON

Ega®

Biggy



THE TOUGHER TANK



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**ELECTRICAL
INDUSTRIES**
GROUP



HARDWARE



CENTURY ESLON

HARDWARE PIPES

PRESSURE APPLICATIONS



OVERVIEW:

This specification covers PVC Schedule 40 pipe and fittings for pressure applications. This system is intended for pressure applications where the operating temperature will not exceed 30° C.

SPECIFICATION:

Our Pipes and Fittings are manufactured from PVC (PolyVinyl Chloride) compounds that are recognized under the ASTM D1784 & 1785 Standards.

PRODUCT NAME

PRODUCT SPECIFICATIONS

APPLICATION

1/2" SCH 40



- OD- 21.2 - 21.5mm
- WT- 2.8 -3.3mm
- Length: 5.8m
- Pressure Rating: 600 psi
- Standard: ASTM D1785
- Item Number: 13570410300

Potable Water

3/4" SCH 40

- OD- 26.6 – 26.9mm
- WT- 2.9 – 3.4mm
- Length: 5.8m
- Pressure Rating: 480 psi
- Standard: ASTM D1785
- Item Number: 13570539600

Potable Water

1" SCH 40

- OD- 33.4 – 33.7mm
- WT- 3.4 – 3.9mm
- Length: 5.8m
- Pressure Rating: 450 psi
- Standard: ASTM D1785
- Item Number: 13570608200

Potable Water

1 1/4" SCH 40

- OD- 42.1 – 42.4mm
- WT- 3.6 - 4.1mm
- Length: 5.8m
- Pressure Rating: 370 psi
- Standard: ASTM D1785
- Item Number: 13570707100

Potable Water
Conduit
Ducting

HARDWARE PIPES

PRESSURE APPLICATIONS



PRODUCT NAME

PRODUCT SPECIFICATIONS

APPLICATION

1½" SCH 40



- OD- 48.1 – 48.4mm
- WT- 3.7 – 4.2mm
- Length: 5.8m
- Pressure Rating: 330 psi
- Standard: ASTM D1785
- Item Number: 13570806300

Potable Water
Conduit
Ducting

2" SCH 40

- OD- 60.2 – 60.5mm
- WT- 3.9 – 4.4mm
- Length: 5.8m
- Pressure Rating: 280 psi
- Standard: ASTM D1785
- Item Number: 13570927800

Potable Water
Conduit
Ducting

3" SCH 40

- OD- 88.7 – 89.1mm
- WT- 5.5 – 6.2mm
- Length: 5.8m
- Pressure Rating: 260 psi
- Standard: ASTM D1785
- Item Number: 13572337500

Potable Water
Conduit
Ducting

4" SCH 40

- OD- 114.1 – 114.5mm
- WT- 6.0 – 6.7mm
- Length: 5.8m
- Pressure Rating: 220 psi
- Standard: ASTM D1785
- Item Number: 13572446400

Potable Water
Conduit
Ducting

6" SCH 40
SOLVENT

- OD- 168.0 – 168.5mm
- WT- 7.1 – 8.0mm
- Length: 5.8m
- Pressure Rating: 180 psi
- Standard: ASTM D1785
- Item Number: 13572557300

Potable Water
Conduit
Ducting

HARDWARE PIPES

PRESSURE APPLICATIONS

PRODUCT NAME

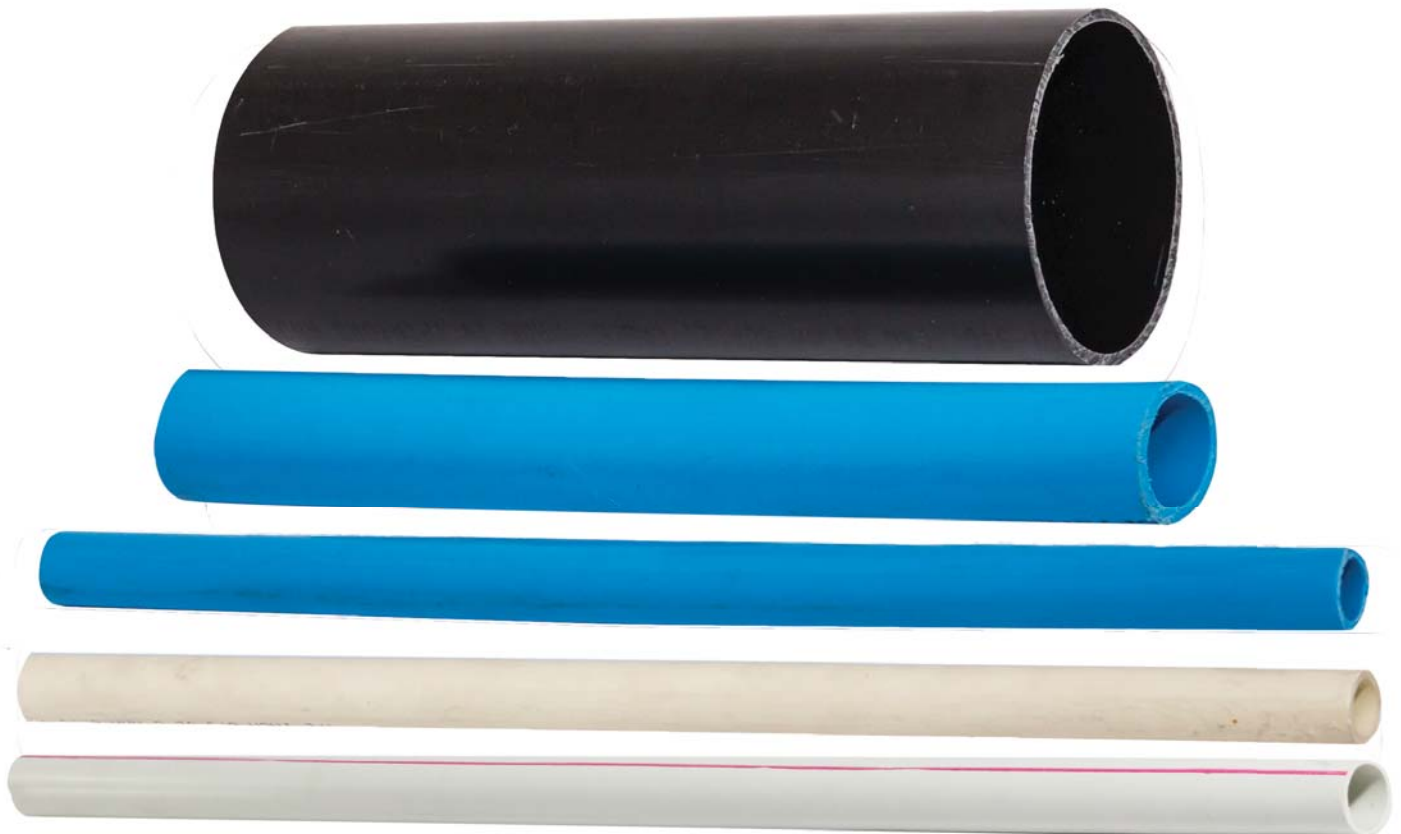
PRODUCT SPECIFICATIONS

APPLICATION

SCH 40
RIEBER GASKET

- Size: 6"
 - OD: 168.0 – 168.5mm
 - WT: 7.1 – 8.0mm
 - Pressure Rating: 180 psi
 - Standard: ASTM D1785
 - Item Number: 13573657300
-
- Size: 12"
 - OD: 323.4 – 324.3mm
 - WT: 10.3 – 11.6mm
 - Pressure Rating: 130 psi
 - Standard: ASTM D1785
 - Item Number: 13573817300

Potable Water
Conduit
Ducting



HARDWARE PIPES

DRAINAGE APPLICATIONS



OVERVIEW:

Drain, Waste, Vent or commonly called DWV is a non-pressure pipe and is typically used for drainage (to drain water from bathrooms), waste (sewers, soak away), and vents (bathroom ventilation). Though these pipes are manufactured in various sizes, EIG currently manufactures 6 different sizes. Ranging from 1 1/4", 1 1/2", 2", 3", 4" and 6", DWV is manufactured in Imperial sizes only (unit of measure). With the DWV pipes, the compound used is non-pressurized. Recyclable material is also used when manufacturing this type of pipe.

PRODUCT NAME	PRODUCT SPECIFICATIONS	APPLICATION
SDR 64	<ul style="list-style-type: none">• Size: 4"• OD- 114.1 – 114.5mm• WT- 1.78 – 2.29mm• Length: 5.8m• Item Number: 13533346400• Standard: ASTM 2241	Waste Water Sewer
SDR 64	<ul style="list-style-type: none">• Size: 6"• OD- 168.0 -168.5mm• WT- 2.64 – 3.15mm• Length: 5.8m• Item Number: 13585757300• Standard: ASTM 2241	Waste Water Sewer
SDR 13.5	<ul style="list-style-type: none">• Size: 1/2"• OD- 21.2 - 21.5mm• WT- 1.57 - 2.08mm• Length: 5.8m• Pressure Rating: 315 psi• Item Number: 13584010300• Standard: ASTM D2241	Potable Water

HARDWARE PIPES

DRAINAGE APPLICATIONS



PRODUCT NAME	PRODUCT SPECIFICATIONS	APPLICATION
SDR 32.5 / PR 125	<ul style="list-style-type: none">• Sizes: 1¼", 1½", 2, 3, 4, 6, 8• Length: 5.8m• Pressure Rating: 125 psi• Standard: ASTM D2241	Waste Water Ducting
SDR 41 / PR 100	<ul style="list-style-type: none">• Sizes: 3"• OD- 88.7 – 89.1mm• WT-2.2 – 2.7mm• Length: 5.8m• Pressure Rating: 100 psi• Standard: ASTM D2241• Item Number: 13550337500	Waste Water Conduit Ducting
SDR 21	<ul style="list-style-type: none">• Sizes: ¾", 1", 2", 4"• Length: 5.8m• Pressure Rating: 200 psi• Standard: ASTM D2241	Potable Water
DR 45	<ul style="list-style-type: none">• Size: 1½"• OD: 48.1 – 48.4mm• WT: 1.02 - 1.62mm• Length: 5.8m• Item Number: 13587306300 <ul style="list-style-type: none">• Size: 2"• OD: 60.2 – 60.5mm• WT: 1.34 – 1.85mm• Length: 5.8m• Item Number: 13587427800	Waste Water Ducting

HARDWARE PIPES

TEMPERATURE APPLICATIONS



OVERVIEW:

Used strictly for hot water applications and manufactured in ONLY 2 sizes $\frac{1}{2}$ " & $\frac{3}{4}$ ". CPVC pipes manufactured at EIG has a 100 psi pressure rating and operates at a maximum temperature of 82°C.

PRODUCT NAME

PRODUCT SPECIFICATIONS

PRODUCT IMAGE

CPVC 41
SDR 11
(Copper Tubing Size)

- Size: $\frac{1}{2}$ "
 - OD: 15.82 – 15.98mm
 - WT: 1.73 – 2.24
 - Length: 10ft
 - Pressure Rating: 100
 - Standard: ASTM D2846
 - Item Number: 13528006300
-
- Size: $\frac{3}{4}$ "
 - OD: 22.12 – 22.28mm
 - WT: 2.03 – 2.54
 - Length: 10ft
 - Pressure Rating: 100
 - Standard: ASTM D2846
 - Item Number: 13528107100



SEWER PIPES



OVERVIEW:

Sewer type applications are engineered specifically for the collection of domestic waste and storm water. It is manufactured only in Metric sizes - 110mm, 160mm, 200mm, 315mm, 400mm and 450mm and conforms to the British Standards BS 4660 and BS EN 1401- 1:1998



PRODUCT NAME	OUTER DIAMETER MIN - MAX (MM)	WALL THICKNESS		
		GREY SANITARY PIPE	METRIC SEWER PIPE	
		EN 1401 - 1	BS 4660	BS EN 1401 - 1:1998
32mm	31.6 - 32.0	2.0 - 2.2		
40mm	39.8 - 40.2	2.0 - 2.2		
50mm	49.5 - 50.0	2.0 - 2.2		
75mm	74.8 - 75.2	2.0 - 2.4		
110mm	110.0 - 110.4	2.0 - 2.4	*3.4 - 3.7	
160mm	*160.0 - 160.6	3.2 - 3.5	*4.1 - 4.8	
200mm	*200.0 - 200.6	4.0 - 4.4		*4.9 - 5.5
315mm	*315.0 - 315.9			*7.7 - 8.7
400mm	400.0 - 401.0			*9.8 - 11.0
450mm	450.0 - 451.0			11.0 - 12.2

Products indicated (*) are ex-stock. Other items available on special order.



PRODUCT NAME	OUTER DIAMETER MIN - MAX (MM)	WALL THICKNESS BS 6730:1998/BS 6572:1998	
		CLASS C 9 Bar	CLASS D 12 Bar
1/2" BS 6730/BS 6572	21.2 - 21.5	*1.8 - 2.0	*2.3 - 2.6
3/4" BS 6730/BS 6572	26.6 - 26.9	*2.3 - 2.6	*2.9 - 3.2
1" BS 6730/BS 6572	33.4 - 33.7	*2.8 - 3.1	*3.7 - 4.1
20mm BS 6572	20.0 - 20		2.3 - 2.6
25mm BS 6572	25.0 -25.3		*2.3 - 2.6
32mm BS 6572	32.0 - 32.3		*3.0 - 3.4
50mm BS 6572	50.0 - 50.4		*4.6 - 5.2
63mm BS 6572	63.0 - 63.4		*5.8 - 6.5

Products indicated (*) are ex-stock. Other items available on special order.

UNDERSTANDING THE PVC SPECIFICATIONS

- **SDR** can be defined as the Standard Dimension Ratio of a pipe. The SDR is the ratio of the pipe's average outer diameter (OD) to the pipe's minimum wall thickness.
- **PR** can be defined as the Pressure Rating of the pipe. It is determined by the size of the pipe. Each size carries a unique pressure rating (SCH 40). The PR is also guided by the type of applications. For CPVC the pressure rating is standard.
- **BS** can be defined as the British Standards. All Metric pipes manufactured by EIG are under the British Standard. We also manufacture some Imperial pipes under the BS.

UNDERSTANDING THE PVC SPECIFICATIONS

The standard length of all PVC pipes manufactured by EIG is 2.9 and 5.8 metres with the exception of CPVC and Polyblue. CPVC carries a length of 10 feet whilst the Polyblue tube is sold in rolls of 50, 100, and 150 metres. The average manufactured lengths for both Guttering and Downpipe is 4 metres.




HARDWARE FITTINGS

SCHEDULE 40 FITTINGS

Standards for Sch 40 Fittings: ASTM D2466; BS4346
Designed for IPS-OD Pipes BS 3505: 1986, ASTM D1784
Material: (uPVC) Unplasticized PolyVinyl Chloride
Colour: White

DESIGNED OVERVIEW:

This specification covers PVC Schedule 40, CPVC & DWV fittings for pressure, hot water and waste water applications.

PRODUCT NAME	PRODUCT SPECIFICATIONS SCHEDULE 40	PRODUCT IMAGE
TEE	13752910300 1/2" 13753039600 3/4" 13753108200 1" 23754407100 1 1/4" 13753206300 1 1/2" 13753327800 2" 13757637500 3" 13757746400 4" 23758957300 6"	
90° ELBOW	13280506300 1/2" 13280607100 3/4" 13280708200 1" 13280806300 1 1/2" 13280927800 2" 13284537500 3" 13284646400 4" 23293757300 6"	
45° ELBOW	23281406300 1/2" 23281507100 3/4" 23281608200 1" 23281707100 1 1/4" 23281806300 1 1/2" 23281927800 2" 13128737500 3" 23292846400 4"	

HARDWARE FITTINGS

SCHEDULE 40 FITTINGS







PRODUCT NAME	PRODUCT SPECIFICATIONS SCHEDULE 40	PRODUCT IMAGE
COUPLING	13203010300 1/2" 13203139600 3/4" 13203208200 1" 23204007100 1 1/4" 13203306300 1 1/2" 13203427800 2" 13206537500 3" 13206646400 4" 23207957300 6"	
COMPRESSION COUPLING	23205110300 1/2" 23205239600 3/4" 23205308200 1" 23205407100 1 1/4" 23205506300 1 1/2" 23205627800 2" 23207237500 3" 23207346400 4" 23207457300 6"	
FEMALE ADAPTER	13101610300 1/2" 13101739600 3/4" 13101808200 1" 23103407100 1 1/4" 13101906300 1 1/2" 13102027800 2" 13105637500 3" 13105746400 4" 23106957300 6"	
MALE ADAPTER	13102110300 1/2" 13102239600 3/4" 13102308200 1" 23104207100 1 1/4" 13102506300 1 1/2" 13102627800 2" 13105837500 3" 13105946400 4" 23107257300 6"	

HARDWARE FITTINGS

SCHEDULE 40 FITTINGS



PRODUCT NAME	PRODUCT SPECIFICATIONS SCHEDULE 40	PRODUCT IMAGE
SOCKET UNION	23190910300 1/2" 23191039600 3/4" 23191108200 1" 23191207100 1 1/4" 23191306300 1 1/2" 23191427800 2"	
REDUCING BUSHING	13641439706 3/4" X 1/2" 13641508806 1" X 3/4" 23643007406 1 1/4" X 1" 23643206506 1 1/2" X 1 1/4" 13641906306 2" X 1 1/2" 13642106406 1 1/2" X 1 1/2" 23643106906 1 1/2" X 3/4" 13641606706 1 1/2" X 1" 13641308506 1" X 1/2" 13641706306 2" X 1/2" 13641828606 2" X 3/4" 13642028306 2" X 1" 13641906306 2" X 1 1/2" 23645238006 3" X 2" 23645346806 4" X 2" 23645447006 4" X 3"	 
END CAP	13304910300 1/2" 13305039600 3/4" 13305108200 1" 23178008200 1 1/4" 13305206300 1 1/2" 13305327800 2" 13305637500 3" 13305746400 4" 23306157300 6"	

HARDWARE FITTINGS

SCHEDULE 40 FITTINGS



PRODUCT NAME

PRODUCT SPECIFICATIONS SCHEDULE 40

PRODUCT IMAGE

BALL VALVE

23224810300 1/2"
23224939600 3/4"
23225008200 1"
23225107100 1 1/4"
23225206300 1 1/2"
23225327800 2"
23225437500 3"
23225546400 4"



BIB TAP

23208410300 1/2"
23746539600 3/4"



HARDWARE FITTINGS

CPVC FITTINGS

Standards for CPVC Fittings: ASTM D2846
 Manufactured in coppertube sizes (SDR 11)
 Material: CPVC Compound
 Colour: Tan

DESIGNED OVERVIEW:

This specification covers CPVC fittings for systems designed to 7 Bar pressure at an operating temperature of 83 °C, but provides a margin of safety should unusual conditions occur.

PRODUCT NAME	PRODUCT SPECIFICATIONS CPVC	PRODUCT IMAGE
COUPLING	23204710300 1/2" 23204839600 3/4"	
45° ELBOW	23282006300 1/2" 23282107100 3/4"	
90° ELBOW	23283606300 1/2" 23283707100 3/4"	
REDUCING BUSHING	23645039706 3/4" X 1/2"	
SOCKET UNION	23191510300 1/2" 23776639600 3/4"	
PIPE CLAMP	23185210300 1/2" 23203839600 3/4"	
END CAP	23178310300 1/2" 23178439600 3/4"	
MALE ADAPTER	23104510300 1/2" 23104639600 3/4"	
FEMALE ADAPTER	23103810300 1/2" 23103939600 3/4"	

HARDWARE FITTINGS

DWV FITTINGS

Standards for DWV Fittings: ASTM D2665; Designed for Non-Pressure Applications

Material: (uPVC) Unplasticized Poly Vinyl Chloride

Colour: White or Grey

PRODUCT NAME	PRODUCT SPECIFICATIONS DWV	PRODUCT IMAGE
SANITARY TEE	23755707100 1 1/4" 13753406300 1 1/2" 13753527800 2" 13753637500 3" 13753746400 4" 23756057300 6"	
REDUCING SAN TEE	13753946806 4" X 2" 23756138006 3" X 2" 23756358006 6" X 4"	
CROSS SAN TEE	23756506300 1 1/2" 23756627800 2" 23756737500 3" 23756846400 4"	
WYE	23855106300 1 1/2" 13854327800 2" 13854437500 3" 13854546400 4" 23855557300 6"	
REDUCING WYE	13854646800 4" X 2" 23855958006 6" X 4"	
45° BEND	23129807100 1 1/4" 13128506300 1 1/2" 13128627800 2" 13128737500 3" 13128846400 4" 23130157300 6"	

HARDWARE FITTINGS

DWV FITTINGS



PRODUCT NAME	PRODUCT SPECIFICATIONS DWV	PRODUCT IMAGE
90° BEND	23130207100 1 1/4" 13128906300 1 1/2" 13129027800 2" 13129137500 3" 13129246400 4" 23130457300 6"	
COUPLING	23203506300 1 1/2" 23204427800 2" 23204537500 3" 13203646400 4" 23204657300 6"	
END CAP	13305446400 4"	
REDUCING BUSHING	23644528106 2" X 1 1/2" 23644638006 3" X 2" 13642246806 4" X 2" 23644747006 4" X 3" 23644858006 6" X 4"	
CLEANOUT PLUG	23614807100 1 1/4" 13614406300 1 1/2" 13614527800 2" 23614937500 3" 13614646400 4" 23615057300 6"	

HARDWARE FITTINGS

DWV FITTINGS



PRODUCT NAME	PRODUCT SPECIFICATIONS DWV	PRODUCT IMAGE
CLEANOUT ADAPTER	23102807100 1 1/4" 13101306300 1 1/2" 13101427800 2" 23102937500 3" 13101546400 4" 23103057300 6"	
TRAP ADAPTER	23104700000 1 1/2"	
P-TRAP	13117006300 1 1/2" (Union) 23117527800 2" (Solvent)	
TAILPIECE ADAPTER	13771507100 1 1/4" 13771606300 1 1/2"	
PIPE CLAMP	13184210300 1/2" 13184339600 3/4" 13184408200 1" 13184507100 1 1/4" 13184606300 1 1/2" 13184727800 2" 13184837500 3" 13184946400 4"	
VENT CAP	13177846400 4"	

SOLVENT CEMENT

Standards: ASTM D2564
Colour: Clear

PRODUCT NAME

PRODUCT SPECIFICATIONS

PRODUCT IMAGE

C-28

Multi-Purpose Cement Available Sizes

- 1/4 Pint- 24196911000
- 1/2 Pint- 24197010200
- 1 Pint- 24197108000

C-70

All Purpose Cleaner Available Sizes

- 1/4 Pint- 24110019200
- 1/2 Pint- 24110134900
- 1 Pint- 24110255100
- 1 Quart- 24110313100

C-600

PVC Cement Available Sizes

- 1/4 Pint- 24196511000
- 1/2 Pint- 24196610200
- 1 Pint- 24196708000
- 1 Quart- 24196808100



Multipurpose Also Available in convenient 35ml & 65ml Sizes.



SOLVENT CEMENT



Engineered for Plastic Piping Systems

C – 28

MULTI-PURPOSE SOLVENT CEMENT

DESCRIPTION:

A clear, regular bodied, fast setting, high strength multi-purpose solvent cement. It is formulated for joining dissimilar plastic materials in all classes and schedules of pipe and fittings with interference fit through 4" diameter, except Schedule 80. Although the cement appears to have a slight amber tint when viewed in the can, the usual thin layer on the pipe or fitting appears clear when dried.

APPLICATION:

C-28 can be used on all types of PVC and CPVC, as well as low-pressure ABS and Styrene system. It is for sprinklers, plumbing, conduit, etc. It is approved for use with potable water pressure systems. For pressure systems, it is always best to use cement specifically formulated for the type of plastic pipe used. Apply primer only to PVC material. **Do not use primer of any kind on the ABS side of the transition joint.** Where the fitting is ABS, take special care to avoid puddling excess cement inside of the fitting.

NOTE: Century Elson solvent cements must never be used in a PVC or CPVC system using or being tested by compressed air or gases. It is recommended that C-60 Primer be utilized for pressure pipe and fittings applications up to 4" diameter.

AVAILABILITY:

Available in 1/4 pint, 1/2 pint and pint metal cans.

SPECIFICATIONS:

COLOR:	Clear
RESIN:	CPVC
SPECIFIC GRAVITY:	0.916 ± 0.040
BROOKFIELD VISCOSITY:	Minimum 90 cps @ 73 ± 2° F
MAX VOC EMISSIONS:	600 G/L, per SCAQMD Rule 1168, Method 316A

SHELF LIFE:

3 years expectancy in tightly sealed containers. The date of manufacture is stamped on the bottom of the container. Stability of the product is limited by the permanence of the container and the evaporation of the solvent when container is open. Evaporation of solvent will cause the cement to thicken and reduce its effectiveness. Adding of thinners to change the viscosity is not recommended.

SOLVENT CEMENT

Engineered for Plastic Piping Systems

C – 600

PVC SOLVENT CEMENT



DESCRIPTION:

A clear, regular bodied, fast setting, high strength PVC solvent cement for all classes and schedules of pipe fittings with interference fit through 4" diameter.

APPLICATION:

C-600 is for use on all types of PVC plastics pipe applications. It is approved for use with potable water pressure systems, irrigation, turf, conduit, sewer and drain, waste and vent (DWV) applications. C-600 Primer is recommended on pressure pipe fittings applications up to 4" in diameter.

NOTE: Century Eslon solvent cements must never be used in a PVC system using or being tested by compressed air or gases.

AVAILABILITY:

Available in 1/4 pint, 1/2 pint, pint and quart pint cans.

STANDARDS AND APPROVALS:

Meets or exceeds ASTM D-2564.

SPECIFICATIONS:

COLOR:	Clear
RESIN:	PVC
SPECIFIC GRAVITY:	0.878 ± 0.040
BROOKFIELD VISCOSITY:	Minimum 90 cps @ 73 ± 2 ° F
MAX VOC EMISSIONS:	600 G/L, per SCAQMD Rule 1168, Method 316A

SHELF LIFE:

3 years expectancy in tightly sealed containers. The date of manufacture is stamped on the bottom of the container. Stability of the product is limited by the permanence of the container and the evaporation of the solvent when container is open. Evaporation of solvent will cause the cement to thicken and reduce its effectiveness. Adding of thinners to change the viscosity is not recommended.

SOLVENT CEMENT



Engineered for Plastic Piping Systems

CE-70

ALL PURPOSE CLEANER

DESCRIPTION:

A clear, water-thin cleaner. It is specifically formulated to remove grease, oil and dirt from the bonding surfaces of PVC, CPVS, ABS and Styrene pipe and fittings. It is approved for Flowguard Gold * CTS plumbing systems. It is also approved for the use with potable water pressure systems. It is not to be used in place of primer.

APPLICATION:

C-70 is an all-purpose cleaner and can be used on all sizes, classes and schedules of PVC/CPVC/ABS and Styrene pipe and fittings. It is to be used only as a cleaner, in conjunction with the appropriate primer and/or cement combination. It also has been used as a brush cleaner.

AVAILABILITY:

Available in 1/4 pint, 1/2 pint, pint and quart metal cans.

STANDARDS AND APPROVALS:

Meets or exceeds ASTM D-2564.

SPECIFICATIONS:

COLOR:	Clear
SPECIFIC GRAVITY:	0.800 \pm 0.040
VISCOSITY:	Water-Thin
MAX VOC EMISSIONS:	650 G/L, per SCAQMD Rule 1168, Method 316A

SHELF LIFE:

The shelf life expectancy of this product in tightly sealed containers is unlimited. The date of manufacture is stamped on the bottom of the container. Stability of the product is limited by the permanence of the container and the evaporation of the solvent when container is open. It should be used as received in its original container. Adding of solvents or other foreign materials is not recommended.

DIRECTIONS FOR USE:

Before using this cleaner, pipe and fittings should be prepared with a square cut, deburred and checked for proper fit. Apply with a dauber, brush top applicator or paint brush about 1/2 the size of the pipe diameter. A rag is not recommended as repeated contact with skin may cause irritation or blistering.

Apply CE-70 freely to the socket, keeping surfaces wet and applicator wet and in motion five to fifteen seconds. Re-dip if necessary. Avoid puddling in socket. Now apply to pipe surface in same manner, equal to the depth of the socket. Be sure to use a scrubbing motion, so as to clean off all grease, oil and dirt. Repeat application to the fitting socket. Follow directions on primer and/or cement can, Apply the appropriate products immediately after cleaning.



**ELECTRICAL
INDUSTRIES**
GROUP



ELECTRICAL

Ega®

ELECTRICAL PIPES & FITTINGS

Standards: BS:EN:50086-1:1994
BS:EN:50086-2:1996
BS 4678 Part 4





Material: PVC

Colour: White

EGA® PVC Conduit & Fittings is a staple product for commercial, residential and industrial electrical installations. These can be buried in concrete or plaster at the construction stage or externally mounted for easy access.

EGA® Conduit System offers many solutions to every electrical challenge for contractors, installers and end users.

EGA® Trunking & Fittings offers a cost effective and eye catching finish to any décor and can be painted to compliment any colour scheme and can be tailored to any room configuration.

PRODUCT NAME	PRODUCT SPECIFICATIONS	PRODUCT IMAGE
ELECTRICAL CONDUIT	<p>MEDIUM GAUGE:</p> <ul style="list-style-type: none"> • 20mm - Item Number: 13711931700 • 25mm - Item Number: 13712035500 <p>HEAVY GAUGE:</p> <ul style="list-style-type: none"> • 20mm – Item Number: 13713631700 • 25mm – Item Number: 13713735500 • 32mm – Item Number: 13713842600 • 38mm – Item Number: 13714044400 • 50mm – Item Number: 13714155600 <p>LENGTH: 2.9m</p>	
TRUNKING	<p>RESIDENTIAL</p> <ul style="list-style-type: none"> • 16mm x 16mm - Item Number: 13792244500 • 25mm x 16mm - Item Number: 13792335800 • 38mm x 25mm - Item Number: 13792450000 • 50mm x 32mm - Item Number: 13792555800 <p>INDUSTRIAL</p> <ul style="list-style-type: none"> • 50mm x 50mm - Item Number: 13794655900 • 75mm x 75mm - Item Number: 13794763900 • 100mm x 100mm - Item Number: 13794813900 	 
COUPLINGS	<p>SIZE</p> <ul style="list-style-type: none"> • 20mm- Item Number: 13201631700 • 25mm- Item Number: 13201735500 • 32mm: Item Number: 13201842600 	

ELECTRICAL PIPES & FITTINGS

Standards: BS:EN:50086-1:1994
BS:EN:50086-2:1996
BS 4678 Part 4

Material: PVC

Colour: White

PRODUCT NAME	PRODUCT SPECIFICATIONS	PRODUCT IMAGE
BOXES	<p>SIZE</p> <ul style="list-style-type: none"> Octagonal 100mm Item Number: 13277600000 2x4 Item Number: 13277412100 4x4 Item Number: 13277512000 Socket 75mmx75mm Item Number: 13277363900 2 Gang Box 150mmx75mm Item Number: 13278821800 4^{11/16} x 4^{11/16} Item Number: 13277746000 	
CIRCULAR	<ul style="list-style-type: none"> 1 Way Item Number: 13276631700 2 Way Item Number: 13276731700 3 Way Item Number: 13276831700 4 Way Item Number: 13276931700 	
ANGLE	<ul style="list-style-type: none"> 2 Way Item Number: 13277031700 	
LIDS	<ul style="list-style-type: none"> Circular 66mm Item Number: 13304261300 Circular 100mm Item Number: 13304313600 Square 100mm x 100mm Item Number: 13304413600 	

ELECTRICAL PIPES & FITTINGS

Standards: BS:EN:50086-1:1994
BS:EN:50086-2:1996
BS 4678 Part 4

Material: PVC

Colour: White

PRODUCT NAME	PRODUCT SPECIFICATIONS	PRODUCT IMAGE
ADAPTORS / LOCKRINGS	<ul style="list-style-type: none"> • 20mm Adaptor Item Number: 13100331700 Item Number: 13128131700 • 25mm Adaptor Item Number: 13100235500 Item Number: 13128235500 • 32mm Adaptor Item Number: 13100442600 	
SADDLE STRAPS BAR SPACERS	<ul style="list-style-type: none"> • 20mm Item Number: 13368431700 Item Number (Spacer): 13751731700 • 25mm Item Number: 13368535500 Item Number (Spacer): 13751835500 	
BENDS	<ul style="list-style-type: none"> • 20mm- Item Number: 13638931700 • 25mm- Item Number: 13639035500 • 32mm- Item Number: 13639142600 • 38mm- Item Number: 13639244400 • 50mm- Item Number: 13639355600 	
SCH 40 ELECTRICAL DUCTING	<p>Size: 4"</p> <p>OD: 114.1-114.5mm</p> <p>WT: 6.0-6.7mm</p> <p>Material: REGRIND</p> <p>Length: 5.8m</p> <p>Application: Ducting for Cables</p> <p>Size: 6"</p> <p>OD: 168.0-168.5mm</p> <p>WT: .7.1-8.0mm</p> <p>Material: REGRIND</p> <p>Length: 5.8m</p> <p>Application: Ducting for Cables</p>	



**ELECTRICAL
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ROTOMOULDING



THE **TOUGHER** TANK

WATER TANKS

Standards: NIL
Material: HDPE
Colour: Black

The legendary might of the Buffalo is now yours in the shape of the strongest water tank ever formed.

SUPERIOR STRENGTH

- Domed top for enhanced durability.
- Tanks are made of FDA approved materials.
- Made of 100% Polyethylene.

EASE OF INSTALLATION

- Gutter down pipe inlet is designed to accept 4" round or square pipe.
- Plug provided to cap gutter down inlet.
- Nuts and bolts provided to properly fasten tank cover to base.

PRACTICAL, CONVENIENT DESIGN

- Attractive cone-shaped design makes stacking easy.
- Detachable lid for easy cleaning.

ITEM CYLINDRICAL

MEASUREMENTS

BULKHEAD SIZE

	BASE	HEIGHT	WIDTH	WEIGHT	
200 gallon	38"	50"	18"	16 kgs	3/4"
400 gallon	43"	68"	18"	22 kgs	3/4"
600 gallon	48"	84"	18"	38.75 kgs	3/4"
800 gallon	57"	85"	18"	56 kgs	1 1/2"
1000 gallon	62"	93.3"	18"	66.75 kgs	1 1/2"
2000 gallon	76"	123"	18"	160 kgs	2"

ITEM NUMBER

SIZE

WATER CAPACITY

160046	200 gal	757 Litres
160044	400 gal	1514 Litres
160020	600 gal	2271 Litres
160047	800 gal	3028 Litres
160025	1000 gal	3785 Litres
160048	2000 gal	7570 Litres



SEPTIC TANKS

Standards: NIL
Material: HDPE
Colour: Blue

ITEM NUMBER	ITEM CYLINDRICAL	MEASUREMENTS				LITRES
		TOTAL HEIGHT	DIAMETER	HEIGHT INLET	WEIGHT	
160041	500 US Gallons	73"	64"	63"	60 kgs	1893
160042	800 US Gallons	66"	57" x 95"	54"	100 kgs	3028



FISH PONDS

Designed for: NIL
Material: HDPE
Colour: Black & Blue

10' DIAMETER X 4' HIGH

Wall Thickness - 7mm
Approximately 2250 gallons of water
Production - 10,000 fingerlings
Fish Housing Capacity - 2,000 (1 1/2 lb)
fish or 3000 lbs of fish

Item Number
Colour – Black – 160808
Colour – Blue – 160802

6' DIAMETER X 4' 2" HIGH

Wall thickness - 6 mm approx
Approximately 850 gallons of water

Item Number
Colour – Black – 160805
Colour – Blue – 160803

BULKHEAD - 4"



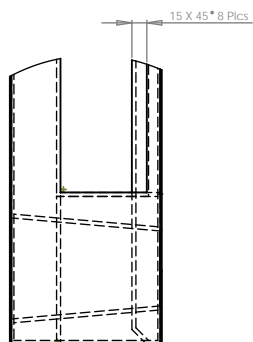
PLASTIC PALLET

PLASTIC PALLET

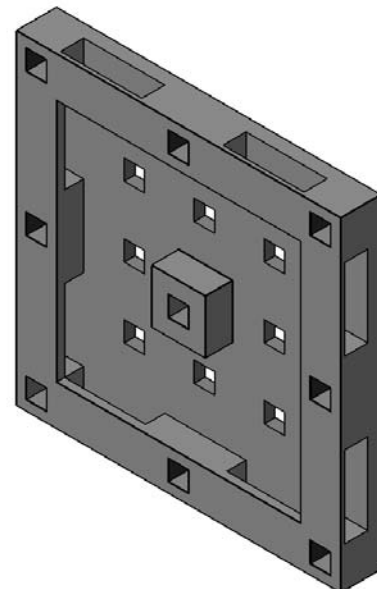
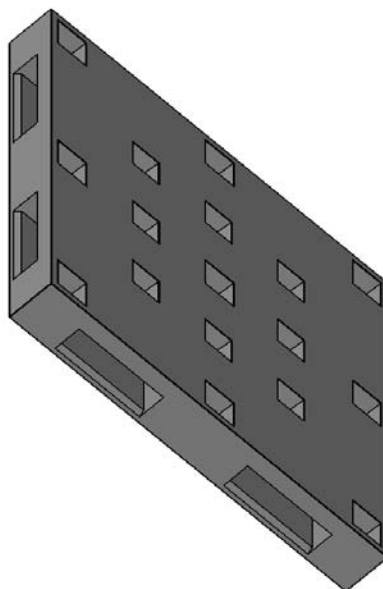
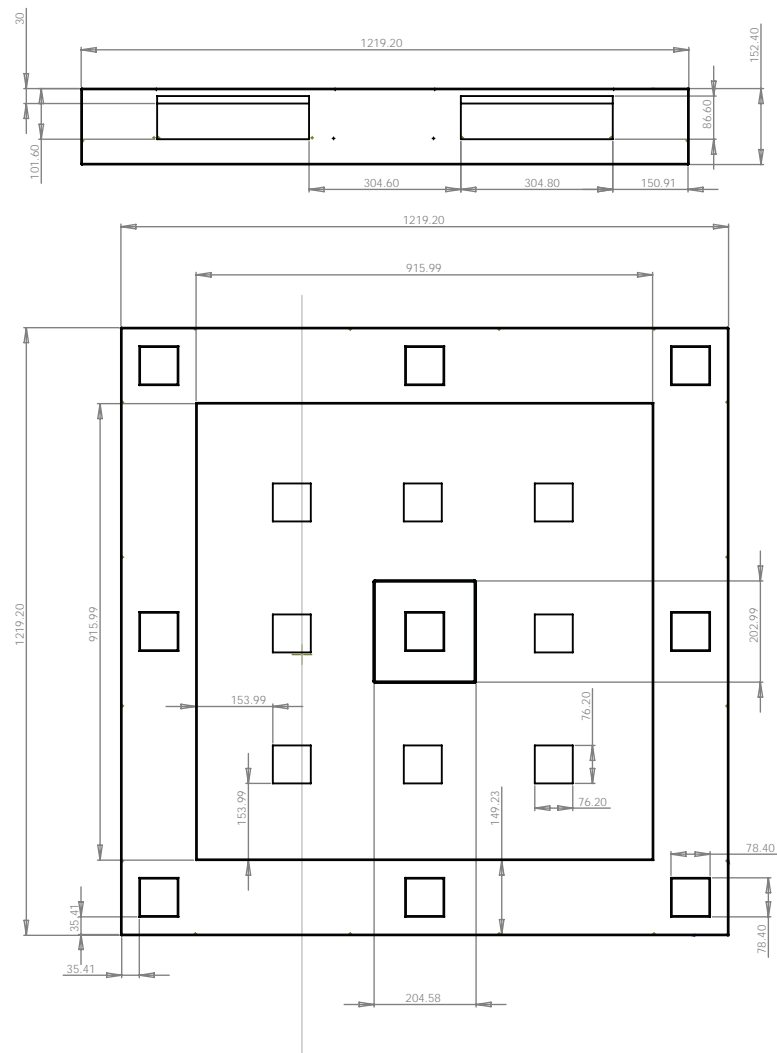
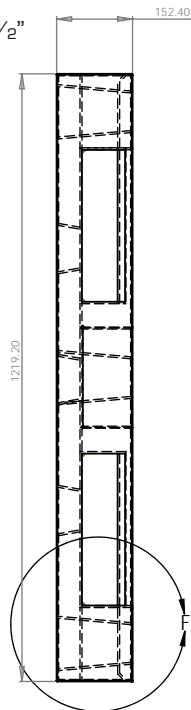
Material: LLDPE

Dimensions: L: 47 1/2" H: 6" W: 43 1/2"

Colors: Various



DETAIL F
SCALE 2 : 5



OTHER AVAILABLE PRODUCTS

55 GALLON DRUM

Material:	LLDPE
Volume:	13,320 cubic inches or 55 US Gallons
Dimensions:	Diameter: 22.5" Height: 33.5"
Item Number:	13848156200
Colors:	Blue & Black



25 GALLON DRUM

Material:	LLDPE
Volume:	25 US Gallons
Dimensions:	Height: 19" Base: 19 3/4 "
Item Number:	13847934100
Colors:	Blue





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A teal-colored photograph of a guttering system, showing the interlocking channels of the gutters. The image is set within a triangular frame that points towards the right.

GUTTERING

Biggy



A home needs a rainwater guttering system in order to drain water quickly and safely away from the roof. A well-installed system can save you money, by avoiding the cost of cleaning and repainting exterior walls and floors. It also reduces the accumulation of moisture from under the house, helping to protect landscaping & the perimeter of the house from the growth of moss & unsightly fungi that can also cause accidents.

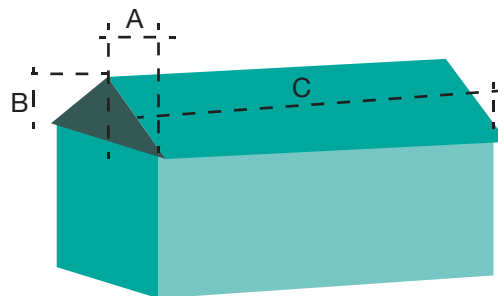
Why choose Biggy?

Because it's...

- ✔ **FUNCTIONAL:** The gutter's design accommodates the maximum flow of water off 2000 square ft of roof area per running outlet.
- ✔ **HASSLE FREE:** Biggy is easily installed; the fittings are lightweight and snap together without the use of solvents, as is done with other guttering systems.
- ✔ **UNIQUE:** All gasketed gutter fittings are equipped with a unique expansion gap, which allows for movement of the gutter under high and low temperatures, since pvc expands with heat.
- ✔ **ATTRACTIVE:** Biggy's sleek contour adds a professional finish to any property. It can also be painted to match the colour scheme of your roof and exterior walls.
- ✔ **LONG LASTING:** Biggy is highly durable to withstand the elements that characterize a tropical climate. It contains special UV stabilisers that guard against the harsh rays of the sun, and therefore prevent cracking and discoloration.
- ✔ **COST EFFECTIVE:** Biggy is competitively priced against other similar PVC, galvanize and aluminium systems.

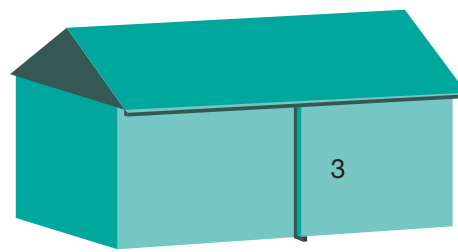
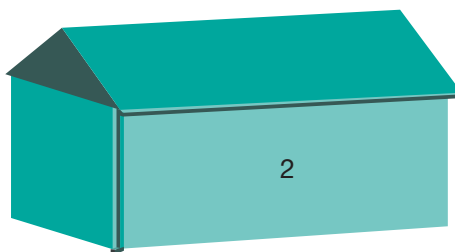
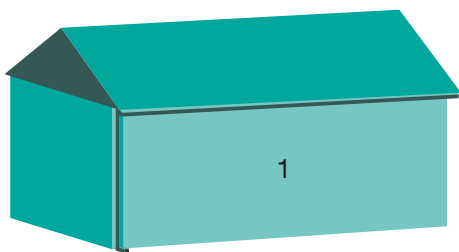
CALCULATE AREA OF ROOF TO BE DRAINED

- Make a sketch of the roof area where the gutter will be installed.
- Calculate the effective roof area, using the following formula (which allows for contributing factors such as roof pitch and wind direction)
 1. Measure A, B & C (see sketch)
 2. $(A + B/2) \times C = \text{Effective roof area.}$



NUMBER AND LOCATION OF DOWNPIPES

- Install one (1) down pipe for each effective roof area less than or equal to 2,000 sq ft or 185 m².



FLOW CAPACITY OF BIGGY RAINWATER SYSTEM

DOWNPIPE POSITION

LEVEL GUTTER

SLOPED GUTTER

	Area (m ²)	Flow (litres/sec)	Area (m ²)	Flow (litres/sec)
1	123	2.56	147	3.06
2	103	2.41	123	2.56
3	185	4.52	185	5.33

CALCULATION REFERENCE

1 m² = 10.8 sq ft

1 litre = 0.2462 gal

1 litre/sec = 0.2462 gal/sec

PRODUCT NAME	ITEM NUMBER	SIZE	SP	MC	PRODUCT IMAGE
Gutter	13385557300	6" X 4M	5	120	
Downpipe	13385737500	3" SQ X 4M	6	150	
Joint Bracket	13386100000		5	45	
Gutter Support	13386200000		20	140	
Running Outlet	13386300000		1	18	
Pipe Clip	13387400000		10	200	
Angle 90 Degree (Dual Mount)	13386400000		1	20	
Stop End	13386500000		10	100	
Pipe Connector	13387100000		12	132	
Pipe Bend 112	13387200000		6	72	
Pipe Bend 92	13387300000		6	72	
Shoe	13387500000		6	72	



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PACKAGING

PAILS & LIDS

Standards for Pails & Lids: ASTM D4504
 Designed for: Multiple Usage
 Materials: (HDPP), (HDPE)
 Colour: White & Yellow

PRODUCT NAME	PRODUCT SPECIFICATIONS				CRUSH STRENGTH
	INTERNAL DIAMETER	HEIGHT	WIDTH	BRIMFUL CAPACITY	
1 Quart Pail	117.8 - 118.4 mm	118 mm	57 gm	1.085 litres	183 kg
1 Quart Lid	117.5 - 117.9 mm		18 gm		183 kg
1 USG Pail	193.5 - 194.5 mm	189 mm	200 gm	4.69 litres	253 kg
1 USG Lid	193.3 - 193.6 mm		78.5 gm		253 kg
2 USG Pail	229.0 - 229.9 mm	251 mm	393 gm	8.7 litres	352 kg
2 USG Lid	227.5 - 228.5 mm		118 gm		352 kg
3.5 USG Pail	289.6 - 290.6 mm	250 mm	765 gm	15 litres	865 kg
3.5 USG Lid	285.8 - 286.8 mm		290 gm		865 gm
5 USG Pail	289.6 - 290.6 mm	362 mm	900 gm	21.1 litres	852 kg
5 USG Lid	285.8 - 286.8 mm		290 gm		852 kg



MULTICRATES

WEIGHT:	5.2 lbs
LENGTH:	23.5"
WIDTH:	15.8"
HEIGHT:	14.2"
LOAD	
CAPACITY:	529 lbs
STORAGE CAPABILITY:	Nestable, Stackable

Standard:	ASTM 4577
Designed for:	Utility Storage
Materials:	HDPE
Colour:	Red, Blue, Green, Black, Yellow



BEER CRATES

WEIGHT:	1.71kg +/- 85g
LENGTH:	441 +/- 5mm
WIDTH:	303 +/- 3mm
HEIGHT:	240 +/- 3mm
LOAD CAPACITY:	75 lbs

Standard:	ASTM 4577
Designed for:	Beverage Packaging
Materials:	HDPE
Colour:	Various





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THE **TOUGHER** TANK