CONTACT US
HEAD OFFICE

1 Bickley Road, Pretoriusstad Nigel
+27 11 739-8600

MARLEY pipesystems
Your Value Partner

PRODUCT
Catalogue



INDEX

Page 3 - 5	Underground Systems
Page 6	REDI Large Bore Fittings
Page 7 - 8	Soil and Vent Systems
Page 9 - 11	Waste Systems
Page 12	Accessories
Page 13	Shower Traps
Page 14	Latco Pressure Control & Relief Valves
Page 15 - 19	Pro-Fit Hot and Cold Water System
Page 20	Hydroponic Profiles
Page 21	Gutta-Buddy Rain Water Harvesting
Page 22 - 23	VYNADEEP® Gutter System
Page 24 - 25	Streamline Double-Flo® Gutter System
Page 26	**MEGA**FLEX® Garden & Dragline Hoses
Page 27	E-spec® Garden & Dragline Hoses
Page 28	**MEGA**FLEX® Industrial Hoses
Page 29	Endura Grease Traps
Page 30	Magnum Saddles
Page 31 - 34	Marley Compression Fittings
Page 35	Small Bore HDPE Pipes
Page 36 - 37	HDPE Corrugated Slotted Drainage & Cable Duct Pipes

about
MARLEY PIPE SYSTEMS

Marley Pipe Systems is widely regarded in Southern Africa as a reputable provider of fluid handling solutions, offering an extensive range of pipes, fittings, and associated products.

With a rich history spanning decades, we have consistently set the standard for legislative compliance, product support, quality assurance, and customer service in the plumbing and building industries.

Now,proudly part of the Flo-Tek Group, Marley Pipe Systems enters and exciting new chapter, combining our our established legacy with the strength and expertise of a leading industry group. While we contiue to evolve, our commitment to quality, reliability, innovation, and customer satisfaction remains unchanged. Our legacy is what sets Marley Pipe Systems apart, making us your trusted choice.

Together, we are building on a legacay of excellence while remaining committed to being “YOUR VALUE PARTNER.”

VALUES

Marley Pipe Systems is a dynamic company with integrity that partners with our clients, suppliers and employees. Our goal is in the consistent supply of a high quality comprehensive product range which is coupled with the pride we invest in our high levels of customer service and legislative compliance, all backed by a solid product support structure. To further assist us in driving the Marley Pipe Systems brand we partner with our clients in offering a comprehensive merchandising solution throughout the Southern African region. The combination of all these factors , makes us your ideal “VALUE PARTNER” with the trust and belief that together we can grow and be successful.



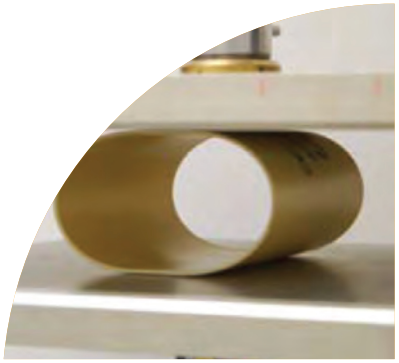
SABS APPROVED 1601 & 791

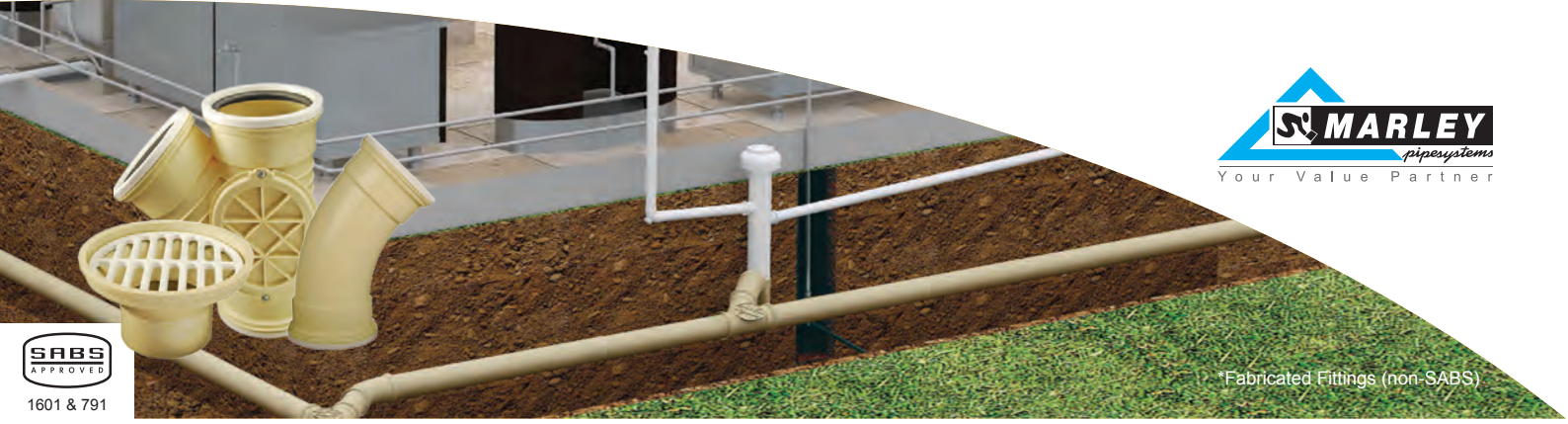
SEWER AND DRAIN PIPE					SABS 1601 & 791
Solid-Wall					
Code	Size (mm)	Length (m)	Type	Wall Thickness (mm)	Weight (kg/m)
Normal duty pipe Class 51, SABS 791					
UL420	110	6	Plain Ended	2.3	1.20
UZN420	110	6	Socketed Rubber Ring	2.3	1.20
UL620	160	6	Plain Ended	3.2	2.55
UZN620	160	6	Socketed Rubber Ring	3.2	2.55
UL820	200	6	Plain Ended	3.9	3.91
Heavy duty pipe, Class 34, SABS 791					
ULH420	110	6	Plain Ended	3.2	1.62
UZH420	110	6	Socketed Rubber Ring	3.2	1.62
UZH620	160	6	Socketed Rubber Ring	4.7	3.67
SABS 1601 Pipe 100kPa & 200kPa (400kPa Available on Request)					
ULE406	110	2	Plain Ended 100 kPa	2.15	1.02
ULE412	110	4	Plain Ended 100 kPa	2.35	0.91
ULE420	110	6	Plain Ended 100 kPa	1.85	1.04
ULE422	110	6	Plain Ended 200 kPa	2.40	1.30



Note In the pipe tables above, "kPA Stiffness" is not a pressure rating. "kPA Stiffness" refers to the pipe's stiffness (crush strength).*

The pascal (symbol: Pa) or kilopascal (kPa) is the SI derived unit of pressure or stress - in this case, stress.





SABS APPROVED
1601 & 791

*Fabricated Fittings (non-SABS)

uPVC UNDERGROUND FITTINGS

45° Plain Bend 1/8

UBR41 - 110mm



87.5° Plain Bend 1/4

UBR42 - 110mm



45° Access Bend 1/8

UBR43 - 110mm



87.5° Access Bend 1/4

UBR45 - 110mm



22.5° Bend 1/16 (Socket / Socket)

UBRS40 - 110mm



22.5° Plain Spigot/ Socket Bend 1/16

UB40 - 110mm
UB60 - 160mm
*UB80 - 200mm



Solvent Socket

UES400 - 110mm



Single Socket

UE400 - 110mm
UE600 - 160mm



Double Socket

UE401 - 110mm
*UE601 - 160mm (Refer REDI)
*UE801 - 200mm (Refer REDI)



Kimberley Socket

UK40 - 110mm
*UK60 - 160mm (Refer REDI)
*UK80 - 200mm



Inspection Pipe

UF40 - 110mm
*UF60 - 160mm



87.5° Plain Square Junction

UY42 - 110mm
*UY62 - 160mm
*UY82 - 200mm



45° Plain Reducing Junction

UY64 - 160mm x 110mm
*UY84 - 200mm x 160mm
(Refer REDI)



45° Access Reducing Junction Right

UYA63 - 160mm x 110mm
*UYA83 - 200mm x 160mm



45° Access Reducing Junction Left

UYA64 - 160mm x 110mm
*UYA84 - 200mm x 160mm



45° Access Junction Right

UYAR41 - 110mm



45° Access Junction Left

UYAR42 - 110mm



45° Plain Junction

UYR41 - 110mm



Gulley "P" Trap

UGB40 - 110mm x 110mm



Bend Long Radius

45°
*UB41L – 110mm
*UB61L – 160mm
*UB81L – 200mm

90°
*UB42L – 110mm
*UB62L – 160mm
*UB82L – 200mm





SABS APPROVED
1601 & 791

Rodding Eye Access Cover

45° & 90° Round ACSB43 110mm	45° Oval ACSB43O 110mm
Includes screws and rubber seal	Includes screws and rubber seal

Gully Head & Grate

Round UGA40 150mm x 110mm	Square UGS40 250mm x 250mm

Gully Grate

Round UGG40 190mm x 110mm	Square UGS41 250mm x 250mm

Access Stopend Solvent Weld

UAP42 - 110mm
*UAP62 - 160mm (Refer Redi)
*UAP82 - 200mm

Plain Stopend (Female)

UAP40 - 110mm
*UAP60 - 160mm
*UAP80 - 200mm

Plain Stopend (Male)

UAP41 - 110mm
*UAP61 - 160mm
*UAP81 - 200mm

45° Rodding Eye

UAP43 - 110mm
*UAP63 - 160mm
*UAP83 - 200mm

45° Rodding Eye Oval

UAP43O – 110mm

90° Rodding Eye

UAP44 - 100mm
*UAP64 - 160mm

Adaptor Female PVC/CI

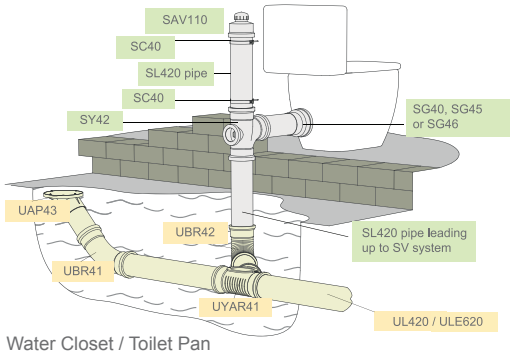
UA41 - 110mm
*UA61 – 160mm (Refer REDI)
*UA81 – 200mm (Refer REDI)

Adaptor Female PVC/EW

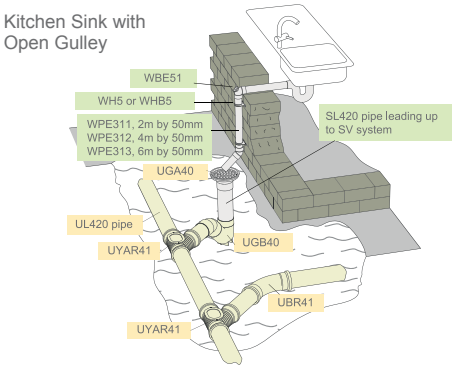
UE41 - 110mm
*UE61 – 160mm (Refer REDI)
*UE81 – 200mm (Refer REDI)

Grease Trap

*GRTR110 - 110mm
*GRTR160 - 160mm

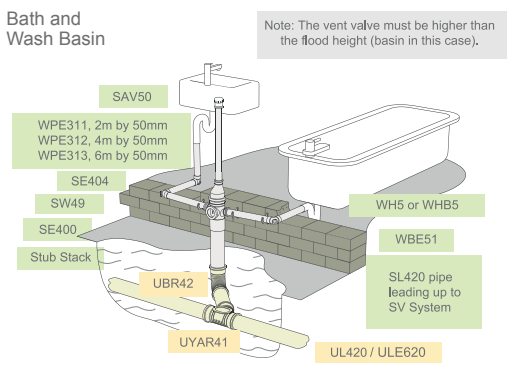


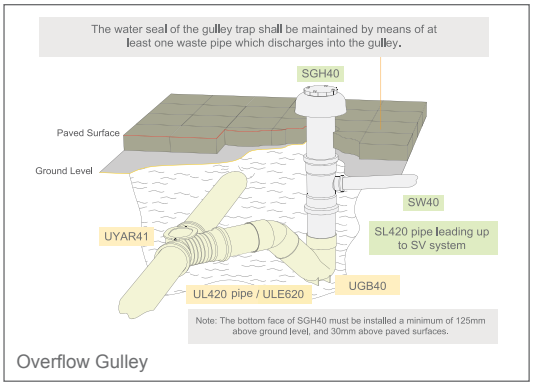
Water Closet / Toilet Pan



Grease Trap Strainers

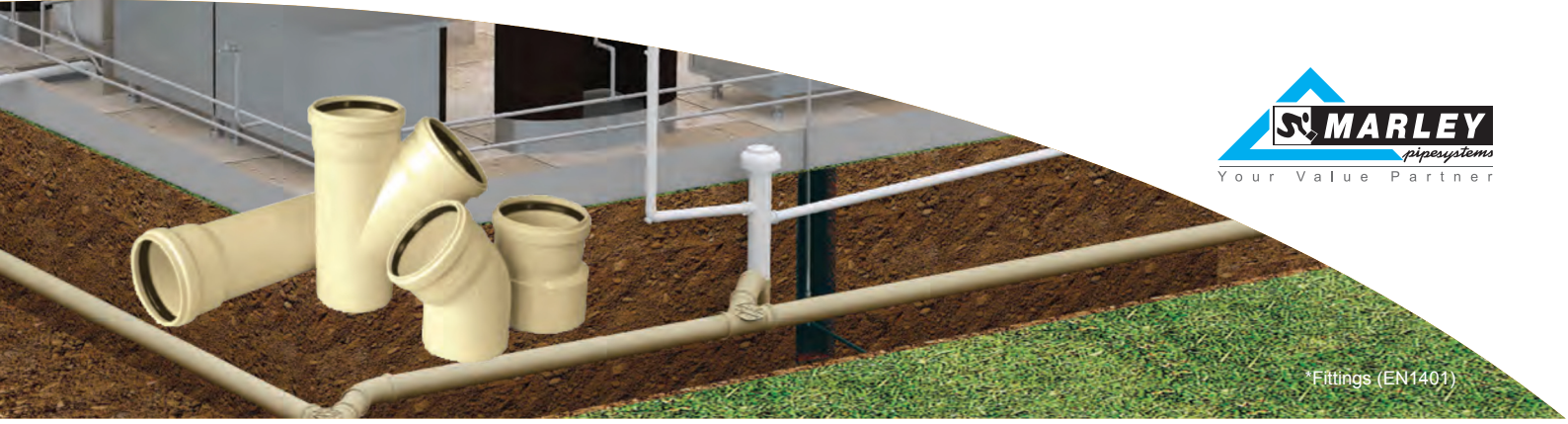
GRTS110 -110mm	GRTS140 - 140mm





Overflow Gulley

uPVC UNDERGROUND FITTINGS



MARLEY pipesystems
Your Value Partner

REDI LARGE BORE FITTINGS

Access Stopend
*UAP621651603 – 160mm



45° Plain Bend Double Socketed
*UB61S23165 – 160mm



87.5° Plain Bend Double Socketed
*UB62S24165 – 160mm
*UB8224215 – 200mm



Double Socket
*UE60163165 – 160mm
*UE80163205 – 200mm



Adaptor PVC to EW Spigot / Socket
*UE6162165 – 160mm



Kimberley Socket
*UK6061165 – 160mm



45° Plain Junction
*UY6144165 – 160mm



87.5° Plain Square Junction
*UY6245165 – 160mm



45° Plain Reducing Junction
*UY84312151 – 200mm x 160mm



Non-Return Valves
*1555551 – 110mm
*1551691 – 160mm



Taper Pipe Reducer
*UT60051165 - 160mm x 110mm



45° Plain Bend
SB68701653 – 160mm



87.5° Plain Bend
SB60241653 – 160mm





Marley Flood Valve/Non-Return Sewer Valve are moulded with rubber / spigot rings for a secure and reliable seal.Designed for non-pressure applications in underground drainage, featuring a lockable butterfly flap for ease of maintenance.

Particularly suitable for:

- Low – lying coastal, lake or valley areas, especially where rain water is channeled downstream to the main sewer, making it liable to flash-floods after heavy rainfalls.
- Under-dimensioned sewage networks with recent or scheduled new dwellings being connected on a previous main sewer operating at a high flowrate.
- Private discharge systems channeled to public sewers equipped with pumping stations.
- Commercial and industrial installations where non-pressure flow control is required (fish – farming) or where PVC performance is required (salt water).
- Rodent ingress reduction.

REDI

All REDI fittings are moulded, not fabricated, and are fitted with an integral rubber seal.

REDI fittings are manufactured according to EN1401 standards complying with the requirements as set out by the European Standard Institute. The fittings are totally compatible with SABS 791 (solid wall) and SABS 1601 (foam wall PVC pipes). REDI provides easy-to-install, secure and reliable solutions aimed at building long-lasting networks.

Underground Systems

Soil & Vent Systems



SABS APPROVED 967

SOIL AND VENT PIPE — SABS 967



Code	Size (mm)	Length (m)	Type	Wall Thickness (mm)	Weight (kg/m)
SL406	110	2	Plain Ended	3.50	1.66
SLE406*	110	2	Plain Ended	2.25	1.18
SL412	110	4	Plain Ended	3.50	1.66
SLE412*	110	4	Plain Ended	2.25	1.18
SL320*	75	6	Plain Ended	3.50	1.16
SLE320	75	6	Plain Ended	2.30	0.78
SL420	110	6	Plain Ended	3.50	1.66
SLE420*	110	6	Plain Ended	2.25	1.18
SL620	160	6	Plain Ended	3.60	2.50

Kimberley Socket
SE302 - 75mm
SE402 - 110mm
*SE602 - 160mm



Single Socket
SE300 - 75mm
SE400 - 110mm / SE400E (E-Spec)
SE600 - 160mm



Double Socket
SE401 - 110mm
*SE601 - 160mm



Solvent Socket
SES400 - 110mm



87.5° Plain Bend
SB30 - 75mm
SB40 - 110mm
SB60241653 – 160mm
(Refer REDI)



87.5° Access Heel Bend
SB31 - 75mm
SB41 - 110mm



135° Plain Bend
SB38 - 75mm
SB48 - 110mm
SB68701653 – 160mm
(Refer REDI)



135° Access Heel Bend
*SB39 - 75mm
SB49 - 110mm



135° Plain Bend Double Socket
SBS48 - 110mm



87.5° Vent Horn Access Heel Bend
SB400 - 110mm



Inspection Pipe
*SF31 - 75mm
SF41 - 110mm



87.5° Plain Single Junction
*SY31 – 75mm (Nicoll)
SY41 - 110mm / SY41E (E-Spec)
*SY61 - 160mm



87.5° Single Access Heel Junction
SY42 - 110mm
SY42E (E-Spec)
*SY62 - 160mm



135° Single Plain Junction
SY39 - 75mm
SY49 - 110mm



135° Single Access Heel Junction
SY300 - 75mm
SY400 - 110mm



87.5° Plain Single Reducing Junction
*SW30 – 75mm x 50mm
SW40 - 110mm x 50mm
*SW60 - 160mm x 110mm



87.5° Single Access Heel Reducing Junction
*SW31 - 75mm x 50mm
SW41 - 110mm x 50mm
*SW61 - 160mm x 110mm



87.5° Plain Double Reducing Junction
SW48 - 110mm x 50mm





*Fabricated Fittings (non-SABS)

SABS APPROVED
967

MARLEY pipesystems
Your Value Partner

87.5° Double Access Heel Reducing Junction

SW49 - 110mm x 50mm



87.5° Plain Double Junction

*SY403 - 110mm x 110mm



87.5° Double Access Heel Junction

*SY404 – 110mm x 110mm (Solvent)
*SY404F – 110mm x 110mm (Rubber Ring)



Strap on Boss

WAB5 - 110mm x 50mm



Airvent Cowls

SV32 - 75mm
SV42 - 110mm



Straight Pan Collar - Solvent Weld

SG40 - 110mm



Pan Collar - WC Offset

SG45 - 110mm



Pan Collar - Straight Rubber Ring

SG46 - 110mm



87.5° Pan Collar Plain Bend

ST44 - 110mm



87.5° Pan Collar Access Heel Bend

ST41 - 110mm



Overflow Gulley Head

SGH40 - 110mm



Eccentric Reducer

*SE304 - 75mm x 50mm
SE404 - 110mm x 50mm
SE405 - 110mm x 75mm
*SE604 - 160mm x 110mm



Stopends Plain (Male)

SE303 – 75mm
SE403 – 110mm
*SE603 – 160mm



Stopends Plain (Female)

SE410 - 110mm



Stopend Access

SEA402 - 110mm



Two Way Vent Valve

SAV110BG (Bagged) -110mm
SAV110 (Boxed) - 110mm



Multikwik Pan Connector

*MKS2 - Straight Pan Connector 110mm



*MK02 - Offset Pan Connector



Extendable PVC Pan Connector 110mm

*MKC2 - 225mm x 500mm

Multikwik WC Connector



*MKC3 – 220mm x 400mm



135° Plain Junction

*SW44 – 50mm x 110mm



135° Access Heel Junction

*SW45 – 50mm x 110mm





SABS APPROVED 967

uPVC WASTE PIPES

WASTE PIPE					SABS 967	
	Code	Size (mm)	Length (m)	Type	Wall Thickness (mm)	Weight (kg/m)
	WPE210	40	1	Plain Ended	2.2 - 2.40	0.38
	WPE211	40	2	Plain Ended	2.2 - 2.40	0.38
	WPE212	40	4	Plain Ended	2.2 - 2.40	0.38
	WPE213	40	6	Plain Ended	2.2 - 2.40	0.38
	*WP211	40	2	Plain Ended	3.2 - 3.35	0.58
	*WP213	40	6	Plain Ended	3.2 - 3.35	0.58
	WPE310	50	1	Plain Ended	2.2 - 2.40	0.50
	WPE311	50	2	Plain Ended	2.2 - 2.40	0.50
	WPE312	50	4	Plain Ended	2.2 - 2.40	0.50
	WPE313	50	6	Plain Ended	2.2 - 2.40	0.50
	*WP311	50	2	Plain Ended	3.2 - 3.35	0.73
	*WP313	50	6	Plain Ended	3.2 - 3.35	0.73

uPVC WASTE FITTINGS

87.5° E-Spec Plain Bend Solvent Weld
WBE40 - 40mm
WBE50 - 50mm



87.5° E-Spec Access Heel Bend Solvent Weld
WBE41 – 40mm
WBE51 – 50mm



135° E-Spec Plain Bend Solvent Weld
WBE42 – 40mm
WBE52 – 50mm



135° E-Spec Access Heel Bend Solvent Weld
WBE43 - 40mm
WBE53 - 50mm



87.5° E-Spec Plain Single Junction Solvent Weld
WTE40 - 40mm
WTE50 - 50mm



87.5° E-Spec Access Heel Single Junction Solvent Weld
WTE41 - 40mm
WTE51 - 50mm



135° E-Spec Plain Single Junction Solvent Weld
WTE42 - 40mm
WTE52 - 50mm



135° E-Spec Access Heel Single Junction Solvent Weld
WTE43 - 40mm
WTE53 - 50mm



Socket (Solvent)
WS4 - 40mm
WS5 - 50mm



Socket Reducer
WR5 - 50mm x 40mm



Double Socket Rubber Ring
WRS5 - 50mm x 50mm



Airvent Cowl
WV52 - 50mm



Male Stopend – BSP
WA4 - 40mm x 1 ½" thread
WA5 - 50mm x 2" thread



Female Stopend Solvent Weld
WA400 - 40mm
WA500 - 50mm



PVC Pipe Clip
WH4 - 40mm
WH5 - 50mm





SABS APPROVED
967

MARLEY pipesystems
Your Value Partner

Male BSP Adaptor

WM04 - 40mm x 1 ¼"
WM4 - 40mm x 1 ½"
WM051 - 50mm x 1 ¼"
WM05 - 50mm x 1 ½"
WM5 - 50mm x 2"



Female BSP Adaptor

WF04 - 40mm x 1 ¼"
WF4 - 40mm x 1 ½"
WF051 - 50mm x 1 ¼"
WF05 - 50mm x 1 ½"
WF5 - 50mm x 2"



Ratchet PVC Holderbat & Hilti Nail

Packs of 5	Single unit
WHB4 - 40mm	WHB4S - 40mm
WHB5 - 50mm	WHB5S - 50mm



Vent Valve

One Way	Two Way
*WAV50 - 50mm (Boxed)	*SAV50 - 50mm (Boxed)
*WAV50BG - 50mm (Bagged)	*SAV50BG - 50mm (Bagged)



For installation instructions refer to SANS 10252-2

White Plain Bath Trap & Overflow

ETB01 - 38mm x 50mm



White Double Sink Combo Trap

ETC03 - 38mm x 50mm x 300mm
ETC04 - 38mm x 50mm x 600mm



5

White Pipe Clamp for Waste Traps

ETC25 - 32mm (Standard Clip)
ETC26 - 40mm (Standard Clip)



White Mini Plain Trap & Standard Connector

ETM21 – 38mm x 50mm
ETM24 – 32mm x 50mm
ETMA21 – 38mm x 50mm with 50 x 40 Adaptor
ETMA24 – 32mm x 40mm with 50 x 40 Adaptor



1

White Double Sink 'T' Piece & Elbow

ETC06 - 50mm x 50mm x 50mm
ETC07 - 50mm x 50mm
ETC27 - 50mm x 50mm



2

White 'P' Trap (with Re-Seal)

ETP09 - 32mm x 40mm
ETP10 38mm x 50mm
ETP11 - 32mm x 50mm
ETPA10 - 38mm x 50mm



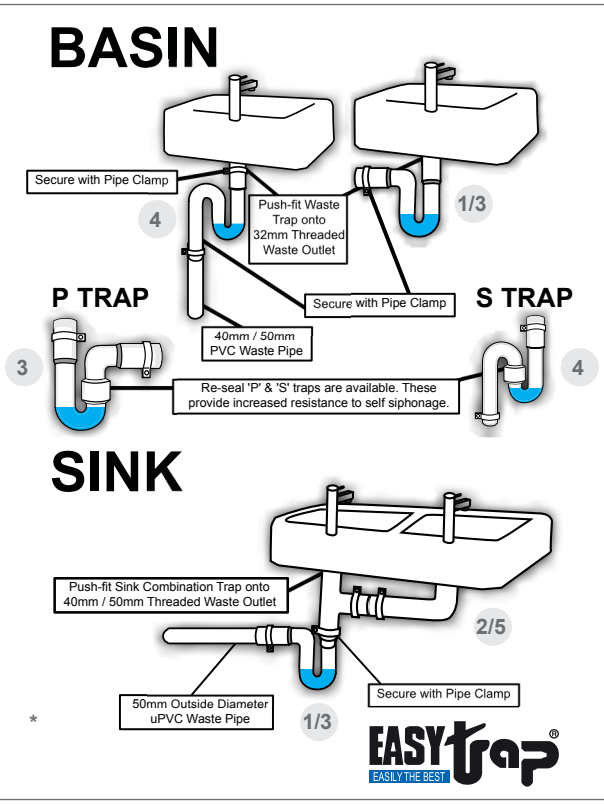
3

White 'S' Trap with Standard Connector

ETS15 - 32mm x 40mm
ETS16 - 38mm x 50mm
ETS17 - 32mm x 50mm



4



Industry Descriptions	
Marley Description (Waste Size)	Alternative Description (PVC Pipe Size)
32mm x 40mm	32mm x 32mm
32mm x 50mm	32mm x 40mm
38mm x 40mm	38 mm x 32mm
40mm x 40mm	40mm x 32mm



Black Plain Bath Trap & Overflow

MTB01 - 40mm x 50mm



1

Black Double Sink Combo Trap

MTC04 - 40mm x 50mm x 600mm



6

Black Mini Plain Trap

MTM21 - 40mm x 50mm
MTM24 - 32mm x 40mm
MTM25 - 32mm x 50mm



2

Black 'P' Trap Plain

MTP09 - 32mm x 50mm
MTP10 - 40mm x 50mm
MTP11 - 32mm x 40mm



3

Black 'S' Trap Plain

MTS15 - 32mm x 40mm
MTS16 - 40mm x 50mm
MTS17 - 32mm x 50mm



4

Black Double Sink 'T' Piece & Elbow

MTC05 - Elbow 300mm (Only)
MTC06 - T-Piece (Only)
MTC07 - Elbow 600mm (Only)



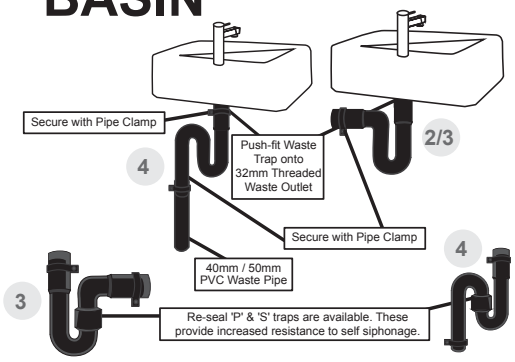
5

Black Pipe Clamp for Waste Traps

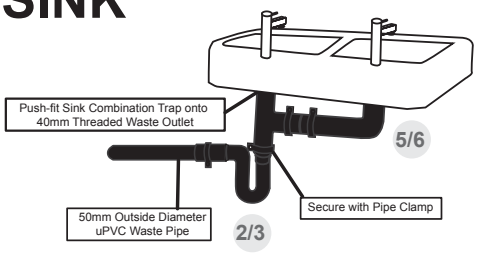
MTC25 - 40mm (Standard Clip)
MTC26 - 50mm (Standard Clip)



BASIN

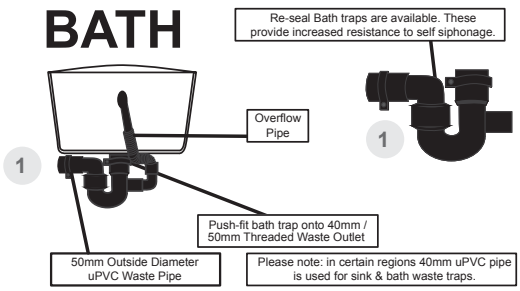


SINK



The P-trap or S-trap is a fitting that catches debris from the sink, preventing clogs and stopping sewer gases from entering the home.

BATH



*

APPLICATION	SUITABLE WASTE TRAP OPTIONS	SIZE OF THREADED WASTE OUTLET	MATCHING UPVC PIPE SIZE ON TRAP OUTLET
Basin	'P' & 'S' traps, mini trap, deep seal, plain or re-seal	32mm	40mm or 50mm
Sink	'P' & 'S' traps, mini trap, deep seal, plain or re-seal	40mm	50mm **40mm in certain regions*
Bath	Bath trap, plain or re-seal	40mm	50mm **40mm in certain regions*

BLACK WASTE TRAPS



MARLEY pipesystems
Your Value Partner







ACCESSORIES

SUPPORTING QUALITY PLUMBING INSTALLATIONS

Quality installations demand quality materials, from the pipes and fittings to the tools you use to connect them.

In addition to a range of pipes and fittings, Marley Pipe Systems also offers a range of useful plumbing accessories of the highest quality and standards to provide an overall solution to your plumbing and construction needs as well as to support the maintenance of your pipe systems.

Included in the range is a selection of lubricants, pressure & non-pressure solvent weld cement, cleaning fluid, gel for pressure pipes, aluminium holderbats and wax pan seals.

Marley is your one-stop destination for all your plumbing needs.

Marley High Pressure Solvent Cement
MP250 - 250ml Tin MP250B - 250ml Tin with Brush MP500 - 500ml Tin



Marley Low Pressure Solvent Cement	
KS6 - 250ml Tin KS6B - 250ml Tin with Brush KS20 - 500ml Tin	KS20B - 500ml Tin with Brush



Aluminium Holderbat	Electro Plated Galvanised Holderbat
WHA4 - 40mm WHA5 - 50mm SC10 - 250mm SC30 - 75mm SC40 – 110mm	SC60 - 160mm SC80 - 200mm



Wax Pan Seal	
WAXSL1 - White	WAXSL3 - Brown





General Purpose Lubricant
ML6 - 200ml ML30 - 1ℓ



Marley Low Pressure Solvent Cement
KS1 - 50ml Tube KS2 - 100ml Tube



Marley Gel For Pressure Pipe
MG1 - 1 Litre Bucket MG5 - 5 Litre Bucket



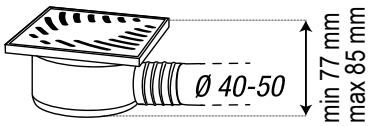


Universal Shower Traps - Square Grid
Universal Shower Traps with Stainless Steel Grid - SIHJ10IH - 100mm x 100mm


Standard Shower Traps
Shallow Seal - P50SSHC Medium Seal -P50MSHC


INSTALLATION INSTRUCTIONS

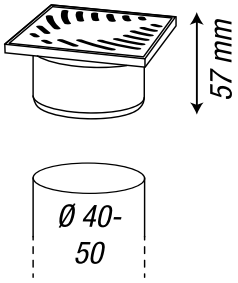
The Marley Universal Shower Trap offers the choice of a vertical or horizontal outlet.



HORIZONTAL OUTLET

a) 40mm - Apply PVC Solvent Weld to the inside of the horizontal outlet of the shower trap and to the outside of the 40mm pipe. Insert the 40mm pipe into the shower trap outlet. Allow to dry.

b) 50mm - Apply PVC Solvent Weld to the outside of the horizontal outlet of the shower trap and to the inside of the 50mm Socket. Push the 50mm PVC Socket over the shower trap outlet. Allow to dry.

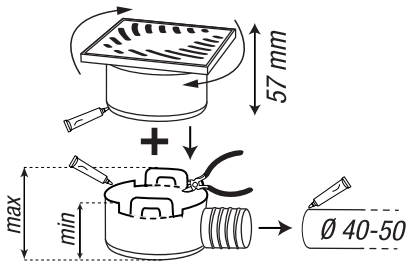


VERTICAL OUTLET

a) Remove the horizontal bottom outlet section of the shower trap.

b) Apply PVC Solvent Weld to the inside of the 40mm PVC Socket. Attach to the vertical outlet of the shower trap.

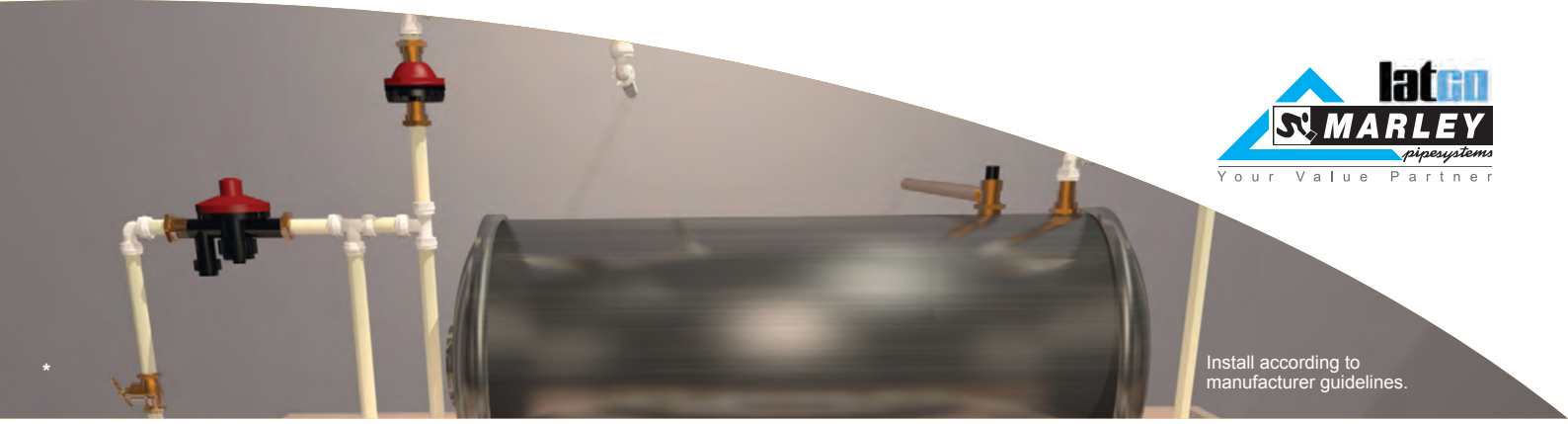
c) Apply PVC Solvent Weld to the outside of the 50mm pipe, attach to the vertical outlet of the shower trap.



Remove winglets by hand or pliers to the required height, if space is not a problem, keep the winglets attached for maximum flow.

The design allows for an adjustment of 360°, to suit alignment with tiles and the direction of the outlet





*

Compatible with all SANS 151 compliant hot water cylinders.
Please note : Ensure that the correct pressure control valve and the expansion relief valve matches the pressure rating of the hot water cylinder (Geyser).

CONVENIENCE AND QUALITY IN ONE SYSTEM

LATCO & NEPTUNE presents a reliable generation of pressure control and expansion relief valves for hot and cold water systems that saves time and money, offering maximum value at unbeatable prices.

Manufactured from a tough, corrosion resistant Acetal copolymer, LATCO & NEPTUNE valves have been in use for over 35 years on a substantial number of dwellings without change to its principal design. The benefits of plastic over copper and brass alternatives is that there is no electrolytic action with the water and no scale build up. Another key advantage of LATCO & NEPTUNE valves is that they have no scrap value meaning that there is less pilferage from merchants and building sites.

The range is available in 100kPa, and 400kPa models for BSP connections, and is compatible with all SANS 151 compliant hot water cylinders.

FEATURES & BENEFITS

- Available as BSP connections
- Easy installation
- Proudly manufactured in South Africa
- Reduced theft risk - no copper parts
- Corrosion-free
- No scale build-up
- Proven track record
- Compatible with all SANS 151 compliant hot water cylinders
- UV stabilised
- Affordable

Standard Latco 100 kPa
*LAT27 – Twin Pack



Standard Latco 100 kPa
*LAT25 – Pressure Control Valve – BSP



Standard Latco 100 kPa
*LAT26 – Combined Expansion Relief Valve / Vacuum Breaker - BSP



Neptune 400 kPa
LAT18 - Twin Pack - BSP

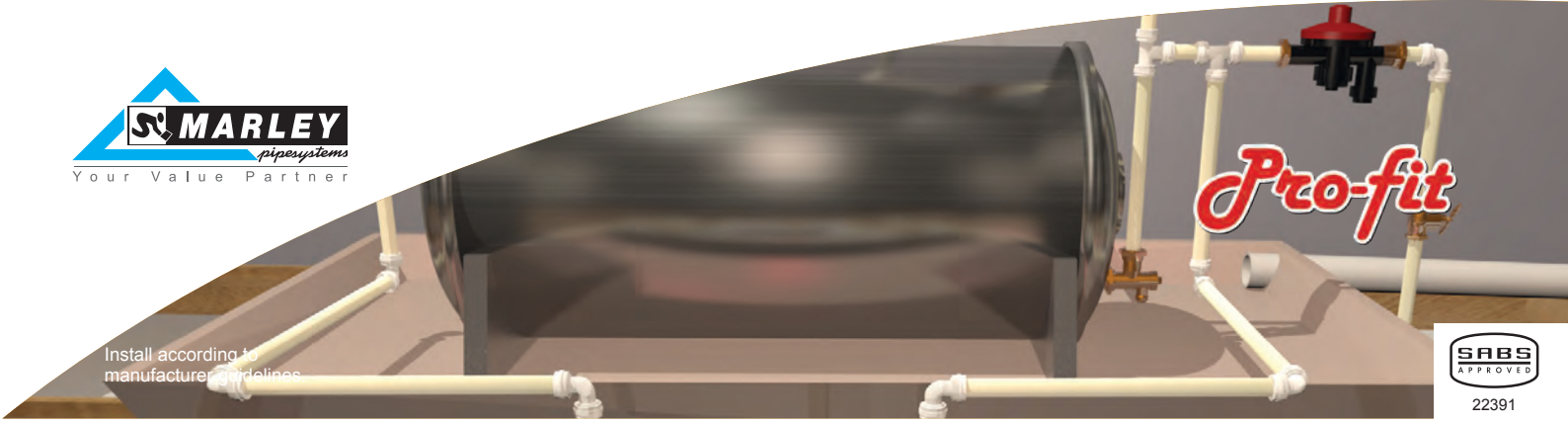


Neptune 400 kPa
LAT16 - Pressure Control Valve - BSP



Neptune 400 kPa
LAT17 - Combined Expansion Relief Valve / Vacuum Breaker - BSP





SABS APPROVED
22391

FEATURES AND BENEFITS

Materials technology has evolved at a progressive rate impacting positively on virtually all aspects of our daily life.

Few sectors have remained unaffected as progressive manufacturers introduce products that leverage the advantages available in material technology.

The Marley Pro-fit system is such a product, a polymer based hot and cold water supply system offering contractors a completed solution suitable for residential and commercial installations.The system enjoys SABS approval and has been tested and rated in accordance with SABS 22391 for hot and cold water supply systems.







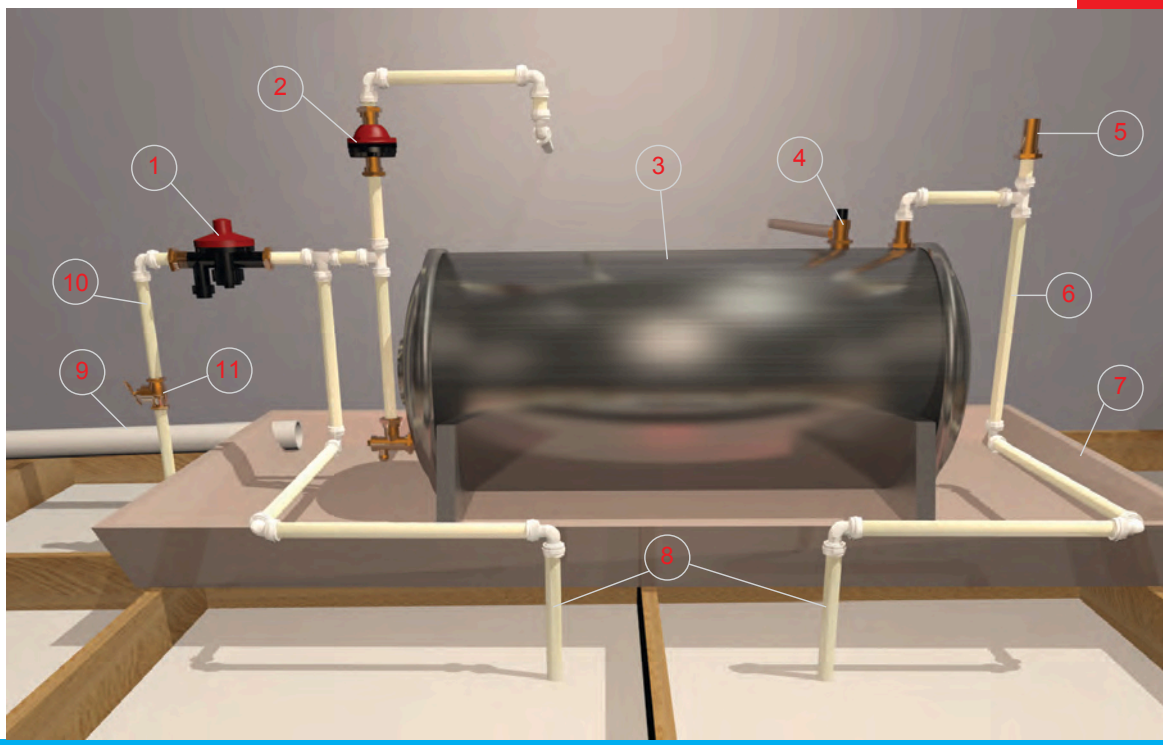
ADVANTAGES

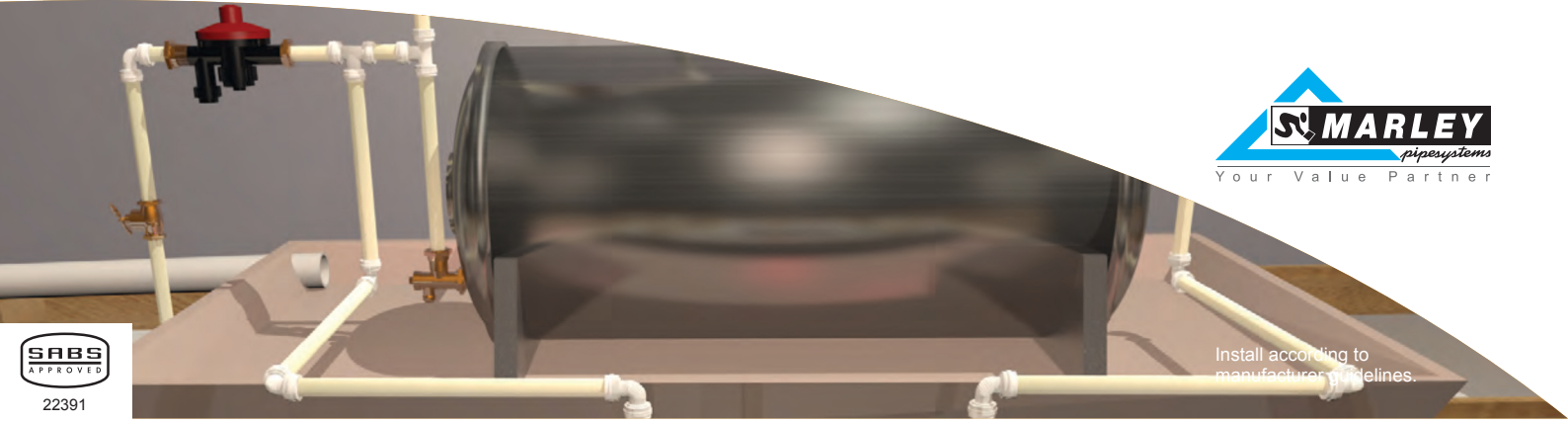
Converting to a new system often raises concerns, in particular the initial costs incurred and the required training. Pro-fit hot and cold technology is not expensive, requires minimal training and offers many advantages.

One of the main advantages of the system is that it is quick to install. A plumber is likely to save a substantial amount of the time usually taken to perform an installation.

PRO-FIT HOT & COLD WATER SYSTEM

1. LATCO Neptune Pressure Control Valve
2. LATCO Neptune Combined Expansion Relief Valve / Vacuum Breaker
3. Hot Water Cylinder
4. Temperature & Pressure Safety Valve
5. Vacuum Breaker
6. Hot Water Pipe
7. Drip Tray
8. Pipework to Mixer / Taps
9. Drip Tray Outlet Pipe
10. Cold Water Inlet Pipe
11. Shut-off Valve





SABS APPROVED
22391

MARLEY pipesystems
Your Value Partner

Profit fittings made from PP-SU material should not be exposed to or painted/sprayed with substances such as ABS cleaners, primers, thinners, or foam insulation. These products often contain active ingredients like Ketone and Acetone, which are highly incompatible with PolyPhenylSulfone (PP-SU). Exposure to these chemicals can cause the fittings to become brittle or even shatter. Contact Marley for any additional technical information or concerns.

CHEMICAL RESISTANCE

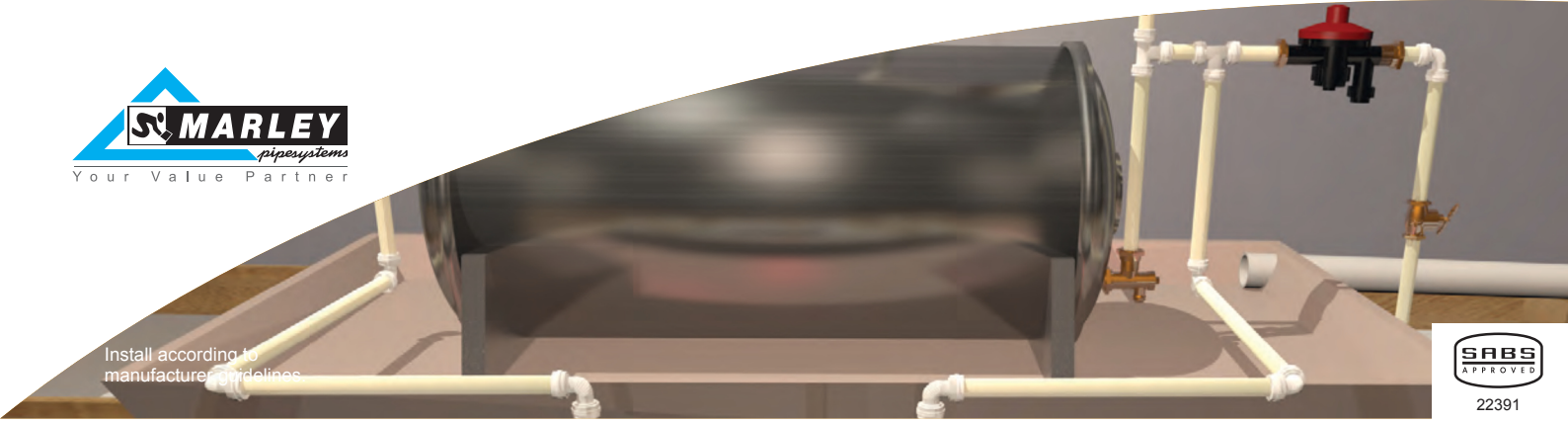
Polysulfone resins have reasonably good chemical resistance when used with aqueous systems and also resist aqueous caustic solutions which severely attack the polyetherimide.

Radel R PolyPhenylSulfone (PP-SU) also has excellent resistance to chlorinated water at elevated temperatures, showing no reduction in resin tensile strength nor in weight when exposed to temperature of 90°C.

Oxygenated and aromatic solvents can cause stress cracking, Radel R PolyPhenylSulfone (PP-SU) shows the best resistance.

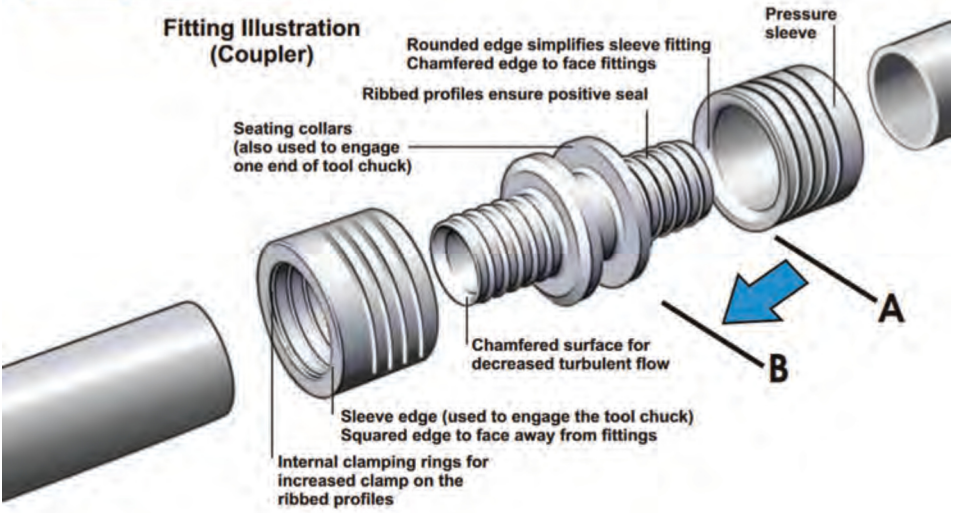
General Indications of Chemical Resistance Exposure - Immersion for 7 days at room temperature		
Reagent	**RADEL R PolyPhenylSulfone (PP-SU)**	**PE-RT Type 3 23/60**
n-Butane	Excellent	Excellent
Iso-octane	Excellent	Excellent
Benzene	Fair	Fair
Toluene	Fair	Fair
Ethanol	Excellent	Good
Methyl Ethyl Ketone	Fair	Good
2-Ethoxyethanol	Good	Severe Attack
1, 1, 1-Trichloroethane	Good	Severe Attack
Carbon Tetrachloride	Excellent	Severe Attack
Hydrochloric Acid (20%)	Excellent	Excellent
Acetic Acid (20%)	Excellent	Excellent
Sulfuric Acid (20%)	Excellent	Excellent
Sodium Hydroxide (10%)	Excellent	Excellent
Rating System:		
Excellent	- No change	
Good	- Minor attack, no serious loss of properties	
Fair	- Some attack, but still has useful properties	
Severe Attack	- Severe attack or rupture	

** More chemical resistance information available on our website or available on request*



SABS APPROVED
22391

Fitting Features



- Corrosion & impact resistance
- No scale build up
- Quieter plumbing
- Healthier water
- No scrap value
- Decreased turbulent flow
- Low co-efficient of friction
- 100% certain joints

Profit Pipe Manufactured from the highest grade PE-RT (Polyethylene with Raised Temperature Resistance), Pro-fit pipe is tough, puncture and tear resistant and offers greater flexibility with a bending radius of up to 180°, allowing ease of use and the reduction in the use of fittings required.

SYSTEM FEATURES

Applications of Polymer piping systems

- Domestic and Commercial water supply (Hot and Cold water)
- It can be used for new installations as well as for repair work
- Marley Pipe Systems' Pro-Fit is not recommended for use in external applications as the product is not UV stabilised. Any usage of the product externally will require protection in the form of sleeving or conduit.

EASE OF INSTALLATION

Contractors enjoy the ease with which the typical installation may be undertaken and the increased productivity.

Joints are easily established without the use of highly skilled artisans. A typical residential hot and cold water pipe installation may be completed in substantially less time compared to using traditional installation methods.

The system utilises a unique joint design enabling contractors to produce 100% certain joints under the most demanding conditions. Use of the Pro-Fit system eliminates the possibility of failures due to loose joints.

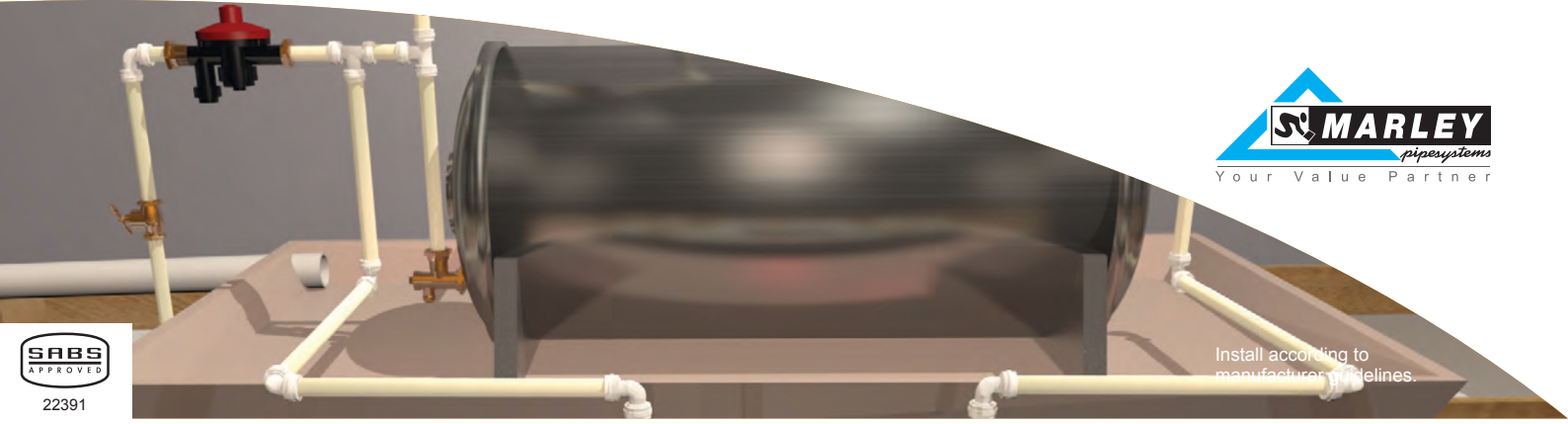
Unlike traditional hot and cold systems requiring full pressurisation and a time consuming observation for leaks, contractors can rest assured that the Pro-fit joint has been successfully established simply by adhering the basic installation guidelines.

Pressurising the line can take place immediately after a joint has been completed; so no more unproductive time waiting to pressure test.

The system is lightweight and easy to handle, benefitting contractors working with larger installations. A 50m pipe coil of 16mm or 20mm pipe diameter can easily be carried by one person.

Due to the pipe's inherent flexibility and availability in 50m coils, longer pipe runs may be placed without resorting to joints, a saving in both time and material.

No consumables, heat or electricity are required for joining Pro-Fit pipe.



SABS APPROVED
22391

MARLEY pipesystems
Your Value Partner

BASIC INSTALLATION GUIDELINES

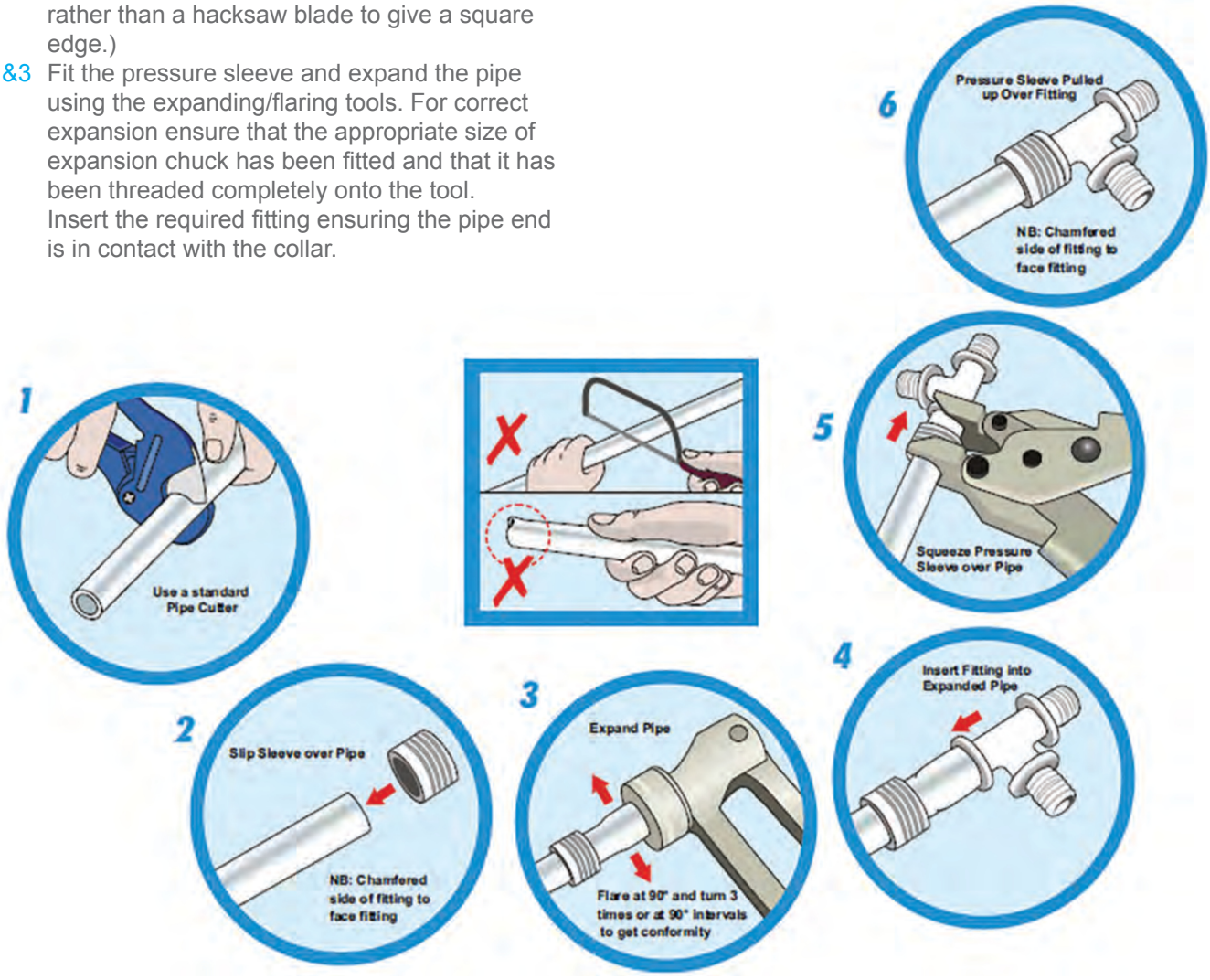
1 Cut the pipe to length, ensuring a square edge (We recommend using a standard pipe cutter rather than a hacksaw blade to give a square edge.)

2 &3 Fit the pressure sleeve and expand the pipe using the expanding/flaring tools. For correct expansion ensure that the appropriate size of expansion chuck has been fitted and that it has been threaded completely onto the tool.

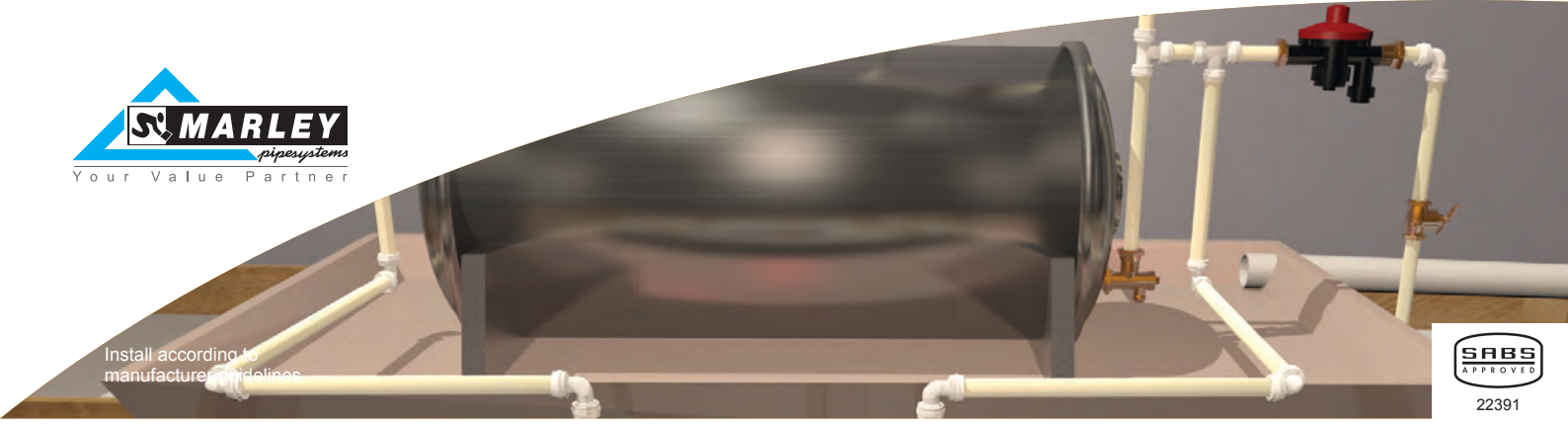
4 Insert the required fitting ensuring the pipe end is in contact with the collar.

5 Using the Pro-Fit closing tool, pull the pressure sleeve over the pipe and fitting until fully seated against the seating collar.

6 The joint is complete.



Flaring Tools	Closing Tools	Dual Plate Universal	Single Plate
PRTEXT1620 - Pipe Flaring Tool (Incl. 16mm & 20mm Expanding Jaws) PRTEXJ16 - Expanding Jaws 16mm PRTEXJ20 - Expanding Jaws 20mm PRTEXT - Pipe Flaring Tool Only	PRTCLT1620 - Pressure Sleeve Closing Tool (Incl 16mm & 20mm Jaws) PRTCLJ16 - Pressure Sleeve Jaws 16mm PRTCLJ20 - Pressure Sleeve Jaws 20mm PRTCLT - Pressure Sleeve Closing Tool Only	PRFDAR - Dual Plate Universal Recessed PRFDAF - Dual Plate Universal - Assembly Unit	PRFSAR - Single Plate Recessed PRFSAF - Single Plate - Plastic PRFSARO - Single Plate Recessed
			



SABS APPROVED
22391

Pro-fit Pipe Coils

PRP016050 - Pipe 16mm Coil 50m
PRP020050 - Pipe 20mm Coil 50m



Pressure Sleeves

PRFSL16 - Pressure Sleeve 16mm
PRFSL20 - Pressure Sleeve 20mm



Couplings

PRFCP16 - Coupling Equal 16mm
PRFCP20 - Coupling Equal 20mm



Reducing Couplings

PRFCPR2016 - Coupling Reducing 20mm-16mm



Elbows

PRFEL16 - Elbow 90° 16mm
PRFEL20 - Elbow 90° 20mm



Equal Tees

PRFTE16 - Tee Equal 16mm
PRFTE20 - Tee Equal 20mm



Reducing Tees

PRFTR161620 - 16mm-16mm-20mm
PRFTR202016 - 20mm-20mm-16mm
PRFTR201616 - 20mm-16mm-16mm
PRFTR201620 - 20mm-16mm-20mm



Copper Tee

PRFTC161516 - Tee Copper Adaptor 16mm - Cu 15 - 16mm



Male Branch Tee

PRFTM161216 - Tee Male Branch 16mm - 1/2”



Male Connectors

PRFCM1612 - Connector Male 16-1/2”
PRFCM1634 - Connector Male 16-3/4”
PRFCM2012 - Connector Male 20-1/2”
PRFCM2034 - Connector Male 20-3/4”



Female Connectors

PRFCF1612 - Connector Female 16-1/2”
PRFCF1634 - Connector Female 16-3/4”
PRFCF2012 - Connector Female 20-1/2”
PRFCF2034 - Connector Female 20-3/4”



End Plugs

PRFPL16 - End Plug 16mm
PRFPL20 - End Plug 20mm



Wall Outlets

PRFOS1612 - Wall Outlet 16mm - 1/2”



Straight Copper Adaptor / Connector

PRFCC1615L - Copper Adaptor 16mm - Cu 15
PRFCC2022L - Copper Connector 20mm - Cu 22



Female Elbow

PRFEF1612 - Elbow 90° Female
16mm - 1/2”



Elbow Copper Adaptor

PRFEC1615 -Elbow 90° Copper
Adaptor 16mm - Cu 15



Male Elbow

PRFEM1612 - Elbow 90° Male 16mm - 1/2”



PRO-FIT HOT & COLD WATER SYSTEM



Hydroponics
MARLEY pipesystems
Your Value Partner

CHANGING THE WAY WE GROW FOOD THROUGH NFT HYDROPONICS



South Africa depends on the agriculture sector as the largest producer of food and driver of economic growth; however it is also the largest user of our scarce water resources. The use of NFT Hydroponic Growing Systems is fast-growing in agriculture as the best way to overcome critical food and water shortages by offering a quicker, healthier, more sustainable method of food production.



Marley manufactures a range of UV stabilised, food graded PVC pipes ideally suited to hydroponic growing applications, backed by a range of complementary fittings to complete the system.

FEATURES & BENEFITS

- Long lengths available: Pipe lengths range from 1.5m up to 12m lengths*
  *Subject to minimum manufacturing quantity
- Moulded stopend fittings are available to complete the system
- Manufactured in ISO9001 factory, suitable for food growing medium
- Tried and tested: Used by some of the largest lettuce suppliers in South Africa
- The profile has a printed arrow indicating the top side



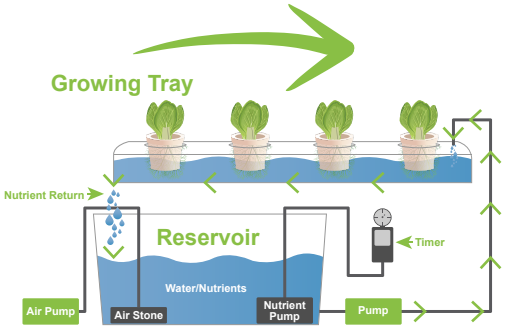
Marley Hydroponic Profiles	Marley Hydroponic Stopend
100mm (w) x 50mm (h)	HYCAP01
	

The NFT Hydroponic Process

STEP 1: Reservoir Tank

A tank containing a nutrient water solution is pumped into a growing tray through a network of PVC pipes.

✓ The right balance of nutrients, water and oxygen **reduces harvesting time**
✓ Controlled environment reduces plant stress for **healthier produce**



Hydroponics

STEP 2: Growing Trays

Growing medium is placed into NFT Hydroponic pots and positioned in a tray which forms part of the pipe network that conveys the nutrient water solution.

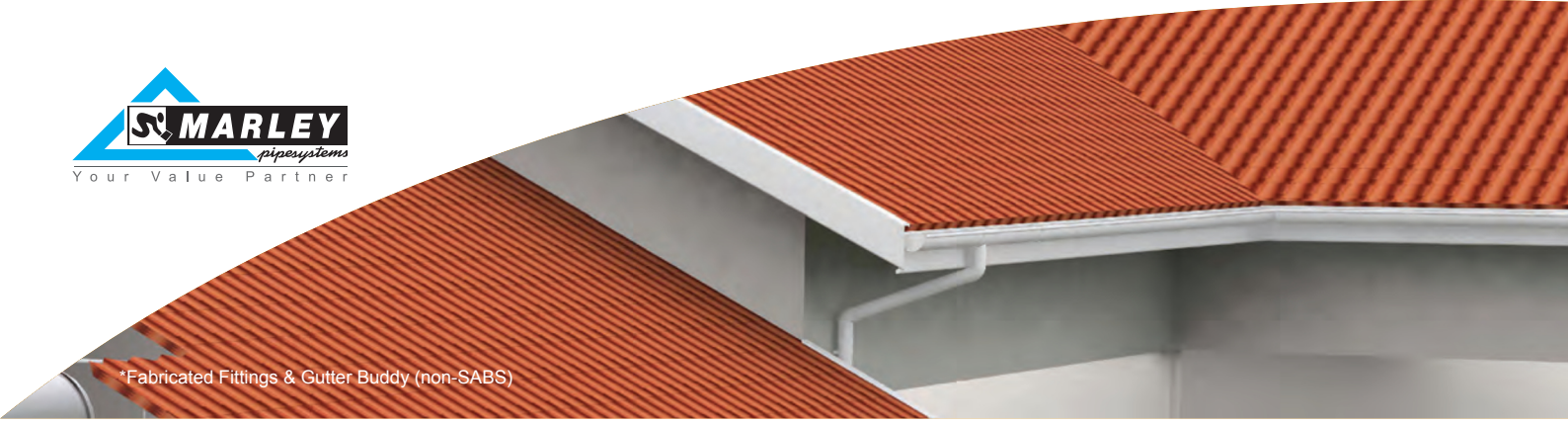
✓ **Under cover** – not affected by climate-related issues (i.e. flood, drought, wind)
✓ **No soil** = no pesticides or diseases associated with soil

STEP 3: Recycling System

The nutrient water solution is directed via the pipes into a filter system where the waste water is collected, filtered, treated, recycled and pumped back into the reservoir tank.

✓ Nutrient water is recycled, **reducing overall water usage** significantly
✓ **Automated sensors** allow for faster crop turnover and reduced labour

* The graphic above is for illustration purposes only and technical aspects may differ.

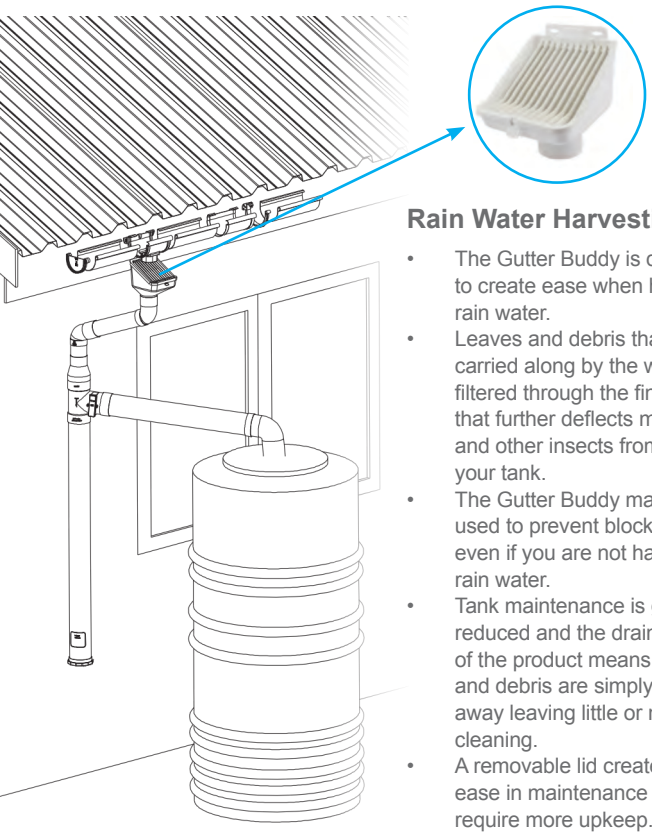




Gutta-Buddy

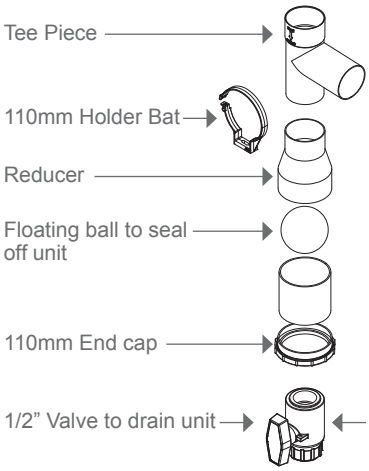
Leaf Catcher 80mm

Registered Design: F2016/00771



Rain Water Harvesting

- The Gutter Buddy is designed to create ease when harvesting rain water.
- Leaves and debris that are carried along by the water are filtered through the fine screen that further deflects mosquitos and other insects from entering your tank.
- The Gutter Buddy may still be used to prevent blocked gutters even if you are not harvesting rain water.
- Tank maintenance is greatly reduced and the drained angle of the product means leaves and debris are simply blown away leaving little or no need for cleaning.
- A removable lid creates further ease in maintenance should you require more upkeep.

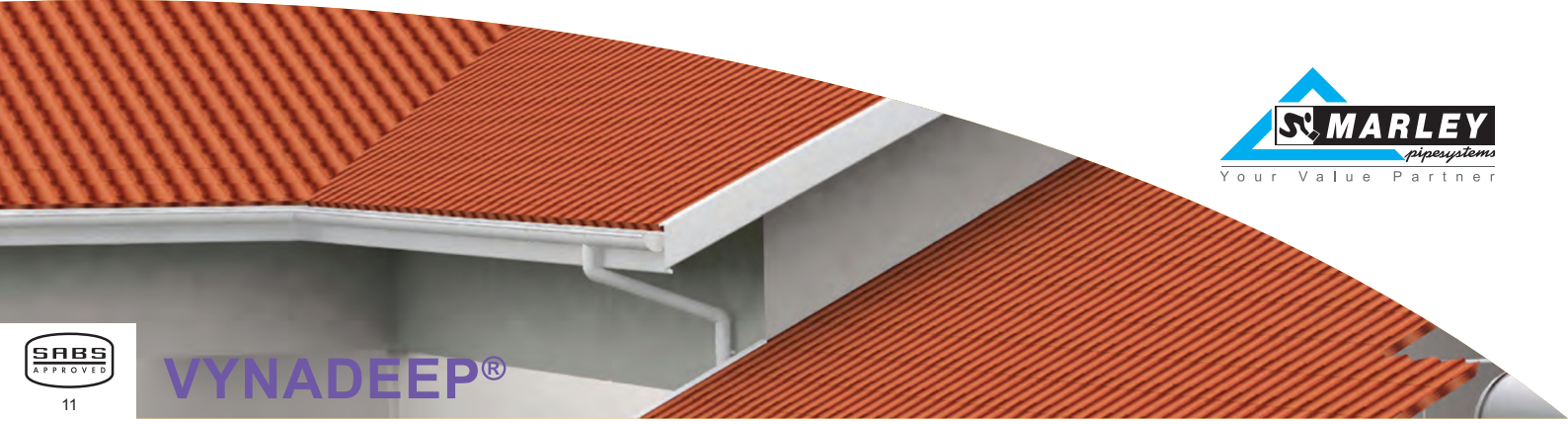


Gutter Buddy 80mm Leaf Catcher	In-Line 80mm Leaf Catcher
DGB80LC	DG80INLC
	

In-Line 110mm Leaf Catcher
DGB110LC


Gutter Buddy 80mm DIY First-Flush	Gutter Buddy 110mm DIY First-Flush
D80FF	D110FF
	

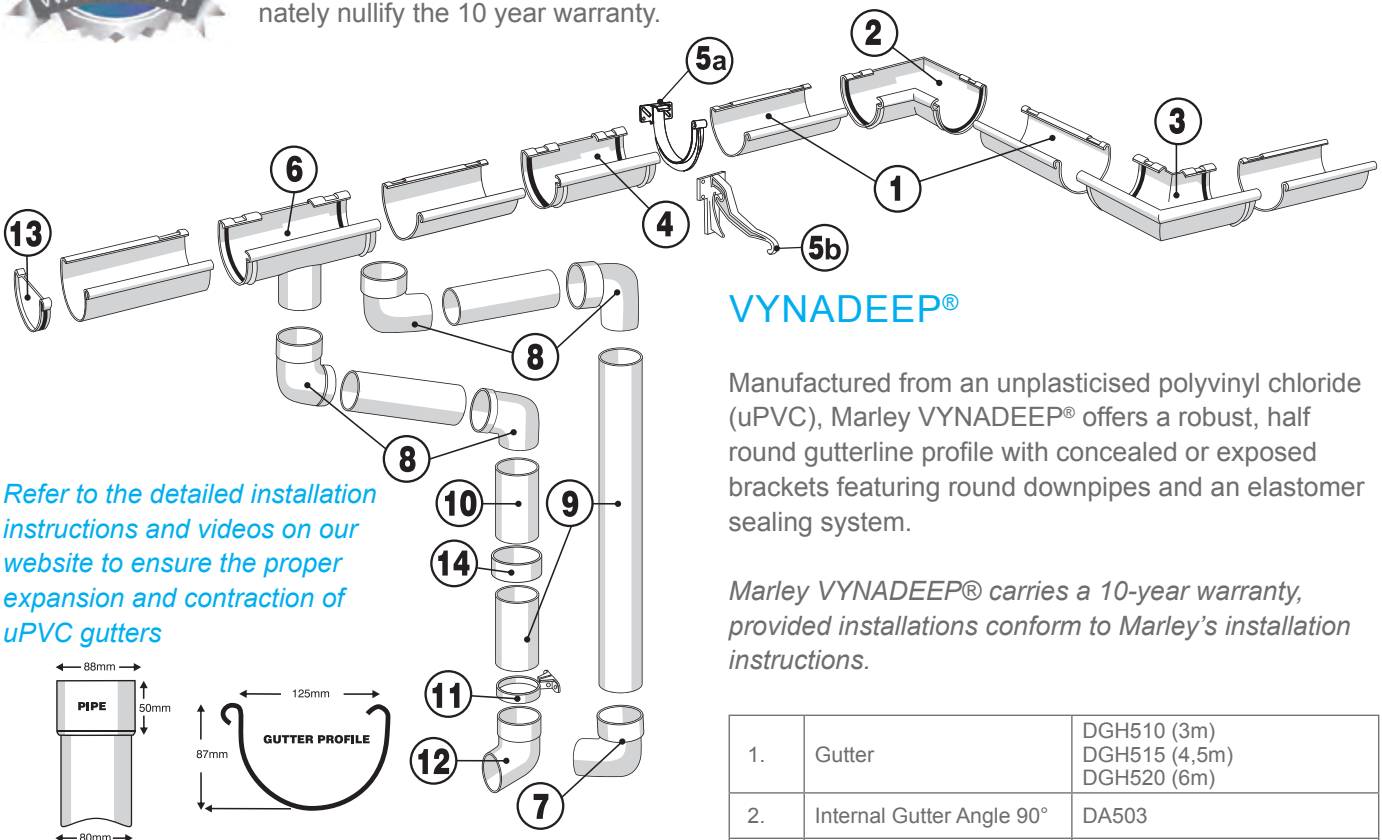
Eccentric Reducer Adaptor (Tanks) 80mm x 50mm	Eccentric Reducer Adaptor (Tanks) 80mm x 50mm
SE305F	SE406F
	



VYNADEEP®

****Important Notice: Painting Marley uPVC Rainwater Systems****

VYNADEEP® Rainwater System is corrosion resistant, self coloured as well as UV protected, the material therefore does not require painting. If however, painting is required, it is suggested to contact a reputable paint manufacturer for specialist advice. Bear in mind that painted uPVC gutters will require more maintenance. Painting Marley uPVC Rainwater Systems, will unfortunately nullify the 10 year warranty.



Refer to the detailed installation instructions and videos on our website to ensure the proper expansion and contraction of uPVC gutters

VYNADEEP®

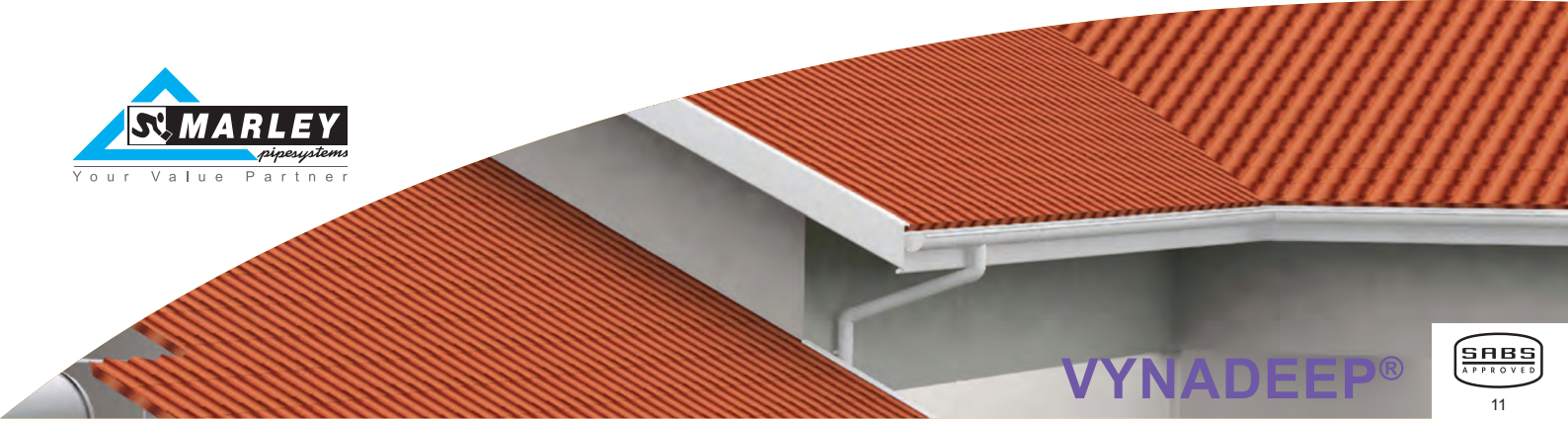
Manufactured from an unplasticised polyvinyl chloride (uPVC), Marley VYNADEEP® offers a robust, half round gutterline profile with concealed or exposed brackets featuring round downpipes and an elastomer sealing system.

Marley VYNADEEP® carries a 10-year warranty, provided installations conform to Marley's installation instructions.

1.	Gutter	DGH510 (3m) DGH515 (4,5m) DGH520 (6m)
2.	Internal Gutter Angle 90°	DA503
3.	External Gutter Angle 90°	DA504
4.	Union Clip	DU50
5a.	Fascia Bracket	DK501
5b.	Fascia Bracket (Concealed)	DK502
6.	Outlet	DO503
7.	Downpipe Bend 90°	DNB30
8.	Swanneck Ends (Pair)	DNE300
9.	Downpipe (Plain)	DPHP310
10.	Downpipe (Socketed one side)	DHP310
11.	Downpipe Clip	DC302
12.	Downpipe Shoe	DS30
13.	Stopend	DE501
14.	Loose Downpipe Socket	DPS300

VYNADEEP® Downpipe	VYNADEEP® Gutter
DPHP310 - Downpipe 3m DPH310 - Downpipe 3m (Socketed one side)	DGH510 - Gutter Length 3m DGH515 - Gutter Length 4.5m DGH520 - Gutter Length 6m
	

- Fascia brackets spacing should not exceed 1m
- When joining a gutter, ensure that there is a fascia bracket within 10cm of each fitting



VYNADEEP®

SABS APPROVED

VYNADEEP® Stopend

DE501 -Stopend



VYNADEEP® Internal Gutter Angle

DA503 - 90°



VYNADEEP® External Gutter Angle

DA504 - 90°



VYNADEEP® Internal Gutter Angle

DAX1 - 135°



VYNADEEP® External Gutter Angle

DAX2 - 135°



VYNADEEP® Fascia Bracket

DK501



VYNADEEP® Fascia Bracket (Concealed)

DK502



VYNADEEP® Union Clip

DU50



VYNADEEP® Gutter Outlet

DO503



VYNADEEP® Downpipe Adaptor

DO500



VYNADEEP® Tophat Adaptor

DO505



VYNADEEP® Loose Round Downpipe Socket

DPS300



VYNADEEP® Swanneck Ends Pair

DNE300 - 110°



VYNADEEP® Downpipe Bend

DNB30 - 90°



VYNADEEP® Downpipe Shoe

DS30



VYNADEEP® Pipe Bend

DB301 - 92° Pipe Bend
DB302 - 112° Pipe Bend
DB303 - 135° Pipe Bend



VYNADEEP® Downpipe Clip

DC302 - (3 Per Packet)
DC302S - (Single) Pipe Clip



VYNADEEP® Junction

DY301 - 92.5° Pipe Junction
DY302 - 112° Pipe Junction
DY303 - 135° Pipe Junction



VYNADEEP® Stopend

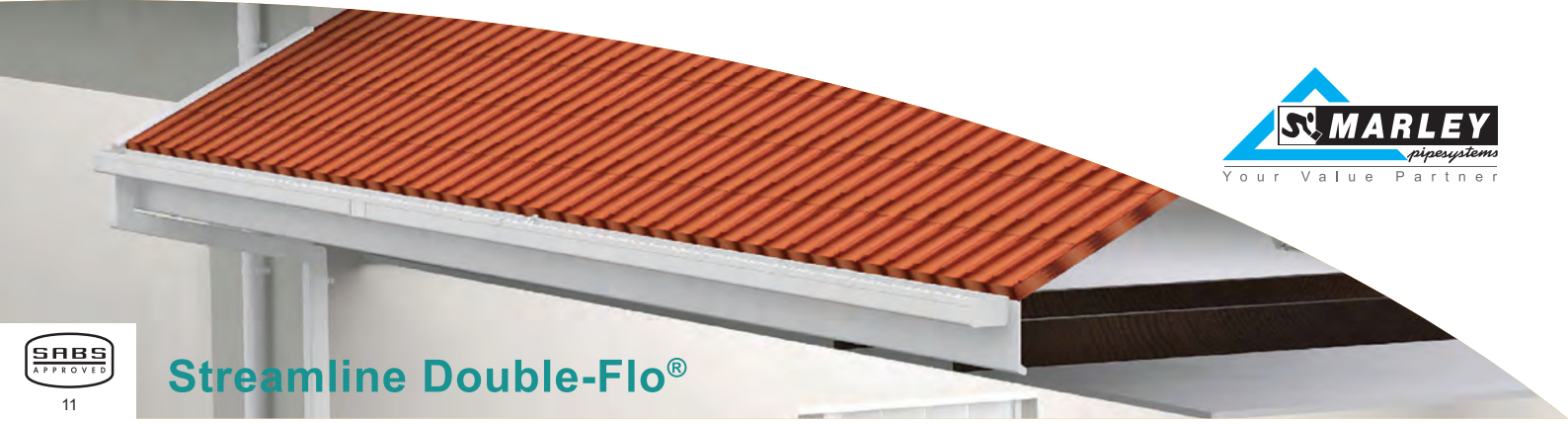
DS80 - Stopend



VYNADEEP® Spreader

DS301 - Spreader



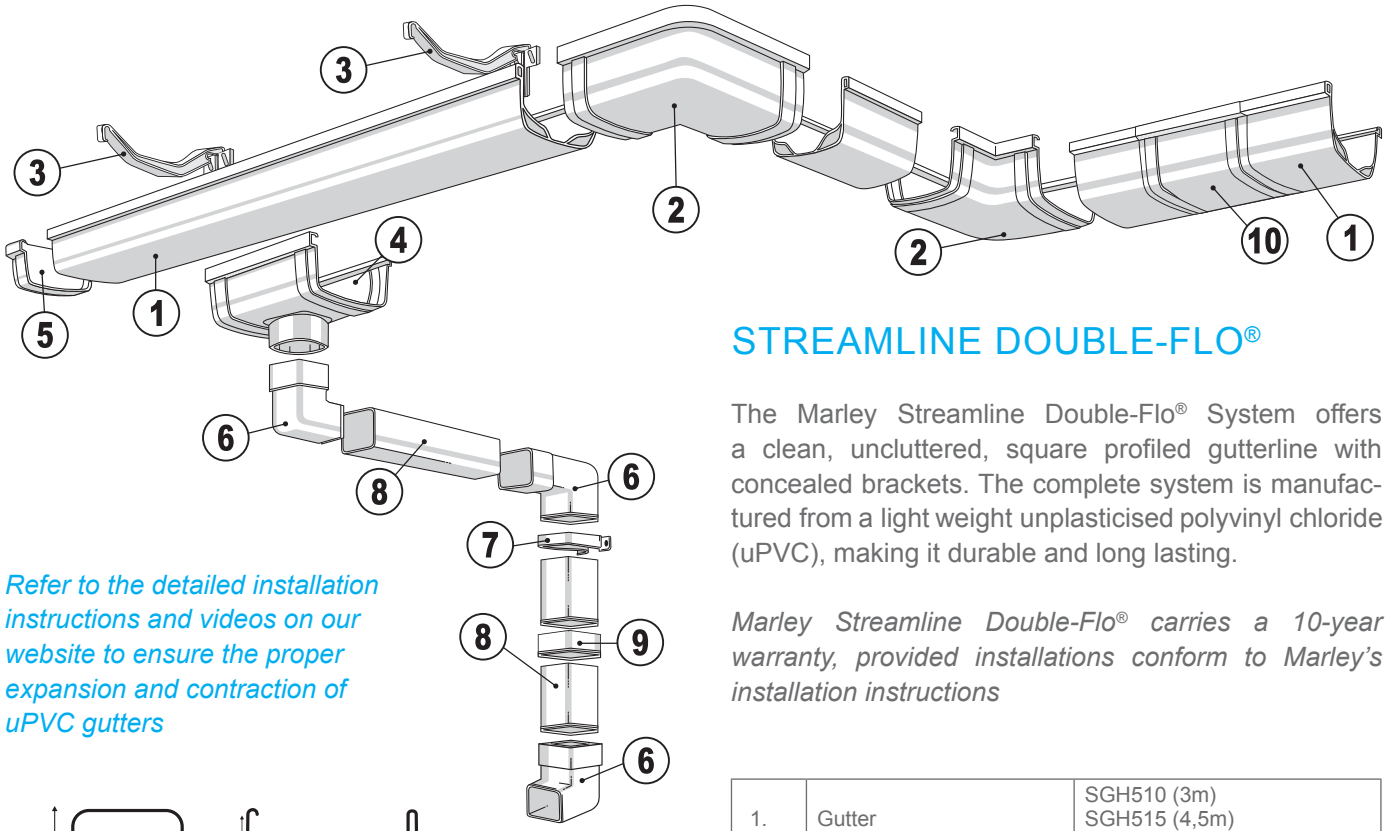


Streamline Double-Flo®

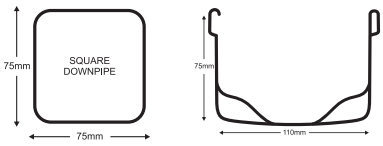
11

****Important Notice: Painting Marley uPVC Rainwater Systems****

STREAMLINE DOUBLE-FLO® Rainwater System is corrosion resistant, self coloured as well as UV protected, the material therefore does not require painting. If however, painting is required, it is suggested to contact a reputable paint manufacturer for specialist advice. Bear in mind that painted uPVC gutters will require more maintenance. Painting Marley uPVC Rainwater Systems, will unfortunately nullify the 10 year warranty.



Refer to the detailed installation instructions and videos on our website to ensure the proper expansion and contraction of uPVC gutters



- Fascia brackets spacing should not exceed 1m
- When joining a gutter, ensure that there is a fascia bracket within 10cm of each fitting

STREAMLINE DOUBLE-FLO®

The Marley Streamline Double-Flo® System offers a clean, uncluttered, square profiled gutterline with concealed brackets. The complete system is manufactured from a light weight unplasticised polyvinyl chloride (uPVC), making it durable and long lasting.

Marley Streamline Double-Flo® carries a 10-year warranty, provided installations conform to Marley's installation instructions

1.	Gutter	SGH510 (3m) SGH515 (4,5m) SGH520 (6m)
2.	Gutter Angle	SA504
3.	Fascia Bracket	SK501
4.	Gutter Outlet	SO503
5.	Stopend	SE501
6.	Downpipe Bend-Shoe	SNE300
7.	Downpipe Clip	SC302
8.	Downpipe 3m (Plain)	SPH310
9.	Downpipe Socket	SPS300
10.	Union Clip	SU50



Streamline Double-Flo®

SABS APPROVED

11

Streamline Double-Flo® Downpipe

SPH310 – 3m (Plain)



Streamline Double-Flo® Gutter

SGH510 - 3m Gutter Length
SGH515 - 4.5m Gutter Length
SGH520 - 6m Gutter Length



Streamline Double-Flo® Stopend

SE501



Streamline Double-Flo® Gutter Angle

SA504



Streamline Double-Flo® Fascia Bracket

SK501



Streamline Double-Flo® Union Clip

SU50



Streamline Double-Flo® Gutter Outlet

SO503



Streamline Double-Flo® Square Downpipe Clip

SC302



Streamline Double-Flo® Square Downpipe Socket

SPS300



Streamline Double-Flo® Square Downpipe Bend / Shoe

SNE300



Streamline Double-Flo® Downpipe Adaptor

DO500



Streamline Double-Flo® Rainwater Head

DRH1 Rainwater Head
300 x 200 x 200 x 80
DRH2 Rainwater Head
300 x 200 x 200 x 110





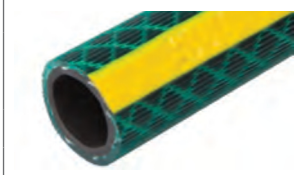
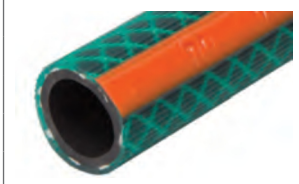
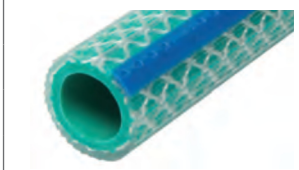




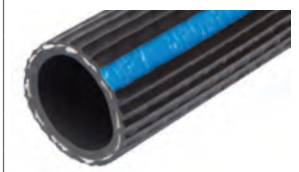
STREAMLINE DOUBLE-FLO®



Garden Hoses

Product	Product Description	Code	Product Description	Code
	MEGAFLEX® Premium Economy Hose - 6 Year Design Life		**MEGA**FLEX® Premium Economy Hose - 6 Year Design Life	
	12mm x 15m (Without Fittings)	DLD20012015	12mm x 15m (With Fittings)	DLD21012015
	12mm x 20m (Without Fittings)	DLD20012020	12mm x 20m (With Fittings)	DLD21012020
	12mm x 30m (Without Fittings)	DLD20012030	12mm x 30m (With Fittings)	DLD21012030
	20mm x 20m (Without Fittings)	DLD20020020	20mm x 20m (With Fittings)	DLD21020020
	20mm x 30m (Without Fittings)	DLD20020030	20mm x 30m (With Fittings)	DLD21020030
	MEGAFLEX® Standard Duty Garden Hose - 8 Year Design Life		**MEGA**FLEX® Standard Duty Garden Hose - 8 Year Design Life	
	12mm x 15m (Without Fittings)	DLD25012015	12mm x 15m (With Fittings)	DLD26012015
	12mm x 20m (Without Fittings)	DLD25012020	12mm x 20m (With Fittings)	DLD26012020
	12mm x 30m (Without Fittings)	DLD25012030	12mm x 30m (With Fittings)	DLD26012030
	20mm x 20m (Without Fittings)	DLD25020020	20mm x 20m (With Fittings)	DLD26020020
	20mm x 30m (Without Fittings)	DLD25020030	20mm x 30m (With Fittings)	DLD26020030
	MEGAFLEX® Heavy Duty Garden Hose - 10 Year Design Life			
	12mm x 30m	DHD60012030		
	20mm x 30m	DHD60020030		

Dragline Hoses

	MEGAFLEX® Medium Duty Dragline Hose - 7 Year Design Life	
	20mm x 30m	I772020030
	20mm x 36m	I772020036
	20mm x 100m	I772020100
	25mm x 30m	I772025030
	25mm x 36m	I772025036
	MEGAFLEX® Contractor's Hose	
	20mm x 25m	I771020025MC
	MEGAFLEX® Heavy Duty Dragline Hose - 10 Year Design Life	
	20mm x 30m	I779020030
	20mm x 100m	I779020100
	25mm x 30m	I779025030
	25mm x 100m	I779025100

* special lengths available on request, subject to minimum manufacturing quantities

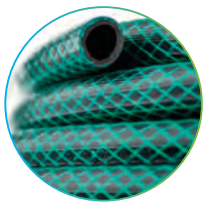


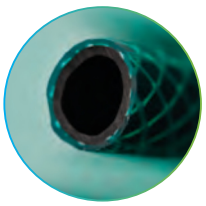
MEGA FLEX
Our Stripe. Your Guarantee



e-spec

E-spec Garden Hoses				
Product	**Product Description**	**Code**	**Product Description**	**Code**
	E-spec® Garden Hose 12mm		**E-spec® Garden Hose 12mm**	
	12mm x 15m (Without Fittings)	DLD22012015	12mm x 15m (With Fittings)	DLD23012015
	12mm x 20m (Without Fittings)	DLD22012020	12mm x 20m (With Fittings)	DLD23012020
	12mm x 30m (Without Fittings)	DLD22012030	12mm x 30m (With Fittings)	DLD23012030
	E-spec® Garden Hose 20mm		**E-spec® Garden Hose 20mm**	
	20mm x 20m (Without Fittings)	DLD22020020	20mm x 20m (With Fittings)	DLD23020020
	20mm x 30m (Without Fittings)	DLD22020030	20mm x 30m (With Fittings)	DLD23020030




e-spec
DRAGLINE HOSE

E-Spec® Dragline Hose		
Product	**Product Description**	**Code**
	20mm x 30m (No Stripe)	I773020030
	20mm x 36m (No Stripe)	I773020036
	20mm x 100m (No Stripe)	I773020100

FEATURES:

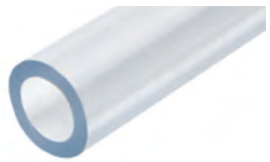
- Working Pressure – 7 BAR
- Service Temperatures (0° - 50°)
- Abrasion Resistant
- 2 Layers & Reinforced
- UV Stabilised



MEGAFLEX INDUSTRIAL HOSES

Marley's range of **MEGA**FLEX flexible PVC industrial hoses boasts high resistance to pressure and temperature and offers extreme durability and high abrasion resistance where it counts.

- Long lasting
- Lightweight
- Flexible
- Resistant to fuels, gases and chemicals
- Oil resistant and non-absorbent
- Tested for high burst and working pressures

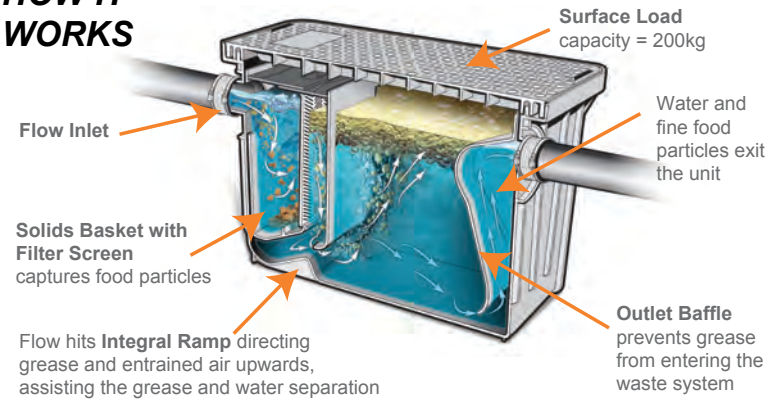
MEGAFLEX® Industrial Hoses			
Product	**Product Description**	**Code**	**Uses & Specifications**
MEGAFLEX® I6001 Clear Thin Wall Industrial Hose			
	6mm x 30m	I6001006030CL	○ Low Pressure applications such as laboratory tubing, aquariums ○ Chemical and abrasion resistent ○ Good clarity
	8mm x 30m	I6001008030CL	
	10mm x 30m	I6001010030CL	
	12mm x 30m	I6001012030CL	
	16mm x 30m	I6001016030CL	
	20mm x 30m	I6001020030CL	
MEGAFLEX® I6002 Clear Thick Wall Industrial Hose			
	6mm x 30m	I6002006030CL	○ Low Pressure applications such as laboratory tubing, aquariums ○ Chemical and abrasion resistent ○ Good clarity
	8mm x 30m	I6002008030CL	
	10mm x 30m	I6002010030CL	
	12mm x 30m	I6002012030CL	
	16mm x 30m	I6002016030CL	
	20mm x 30m	I6002020030CL	
	25mm x 30m	I6002025030CL	
MEGAFLEX® I7009 Clear Reinforced Air Hose			
	6mm x 30m	I7009006030	CLEAR REINFORCED HOSE ○ High pressure applications such as air, diluted acids and oils ○ Good Chemical and abrasion resistent
	8mm x 30m	I7009008030	
	10mm x 30m	I7009010030	
	12mm x 30m	I7009012030	
	16mm x 30m	I7009016030	
	20mm x 30m	I7009020030	
	25mm x 30m	I7009025030	
	32mm x 30m	I7009032030	



FEATURES AND BENEFITS

- 92% plus Solids Captured
- Airtight seal to contain offensive odours and overflow
- Lightweight, compact and durable grease management solution
- Cost-effective and reliable system
- Can withstand temperatures up to 104°C
- Flexibility of installation – can be installed in-floor, on-floor, or semi-recessed
- Removable baffles, solids basket and filter screen for easy maintenance

HOW IT WORKS

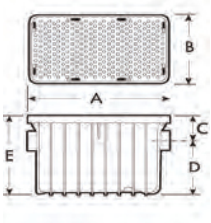


endura

ENDURA GREASE TRAPS

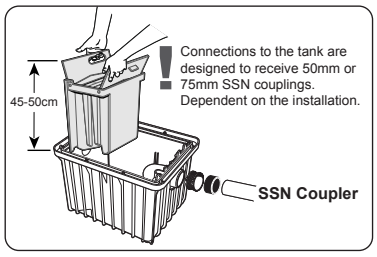
Marley Grease Traps Complete With Solids Basket		
Description	**Flow Rate**	**Code**
Marley Endura Grease Trap 365L x 445W x 414H	0.94ℓ/sec	MGT200
Marley Endura Grease Trap 600L x 445W x 414H	1.6ℓ/sec	MGT500
Marley Endura Grease Trap 787L x 597W x 445H	3.2ℓ/sec	MGT700
*L = length • W = width • H = height *No Solids Basket		

Spares are available on request subject to minimum order quantities and lead times.



	MGT200 0.9ℓ /sec	MGT500 1.6ℓ /sec	MGT700 3.2ℓ /sec	MGT600 Lo Pro 1.6l/sec*
A	365mm	600mm	787mm	787mm
B	445mm	445mm	597mm	597mm
C	89mm	89mm	127mm	102mm
D	325mm	325mm	318mm	177mm
E	414mm	414mm	445mm	279mm

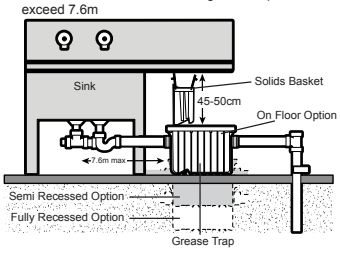
*No Solid Basket



Joint connection should only be done with a SSN Coupler (not included).

Typical Installation

Minimum Solids Basket Clearance of 45-50cm is required for cleaning access.
Distance between the sink and grease trap should not exceed 7.6m



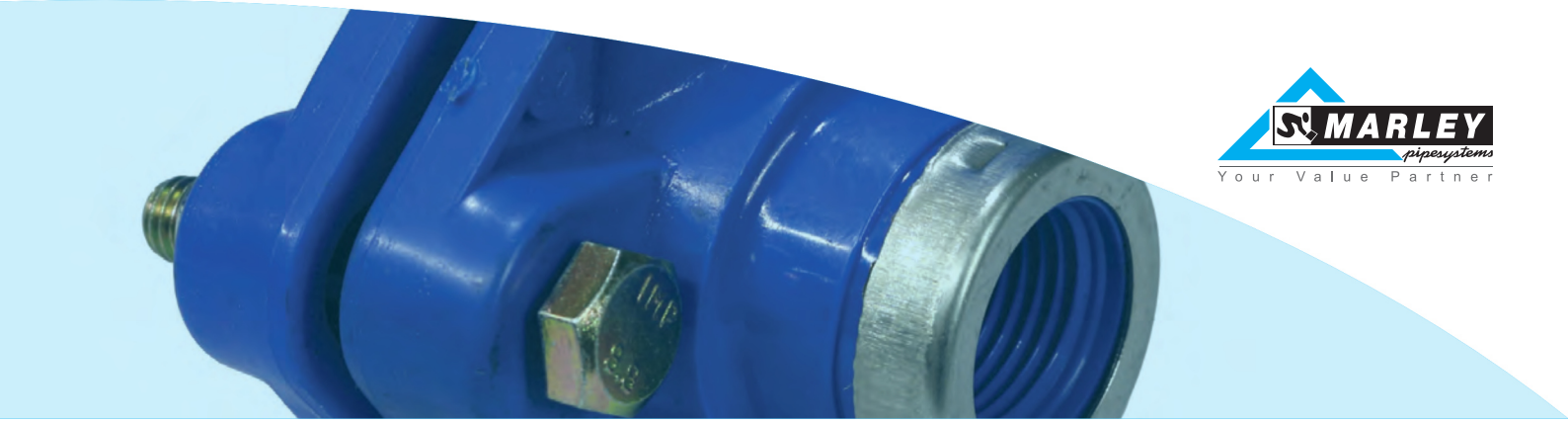
CALCULATE FLOW RATES

Sink L x B x H = cm²
cm² ÷ 1000 = Litres
Litres x 0.75(Factor) = Volume
Volume ÷ 60(Seconds) = Litres per second

Formula: (LxBxH) ÷ 1000 x 0.75 ÷ 60 = ℓ

For flow rates lower than or equal to 1.6ℓ/sec, use a MGT500.

For flow rates greater than 1.6ℓ/sec up to 3.2ℓ/sec use a MGT700

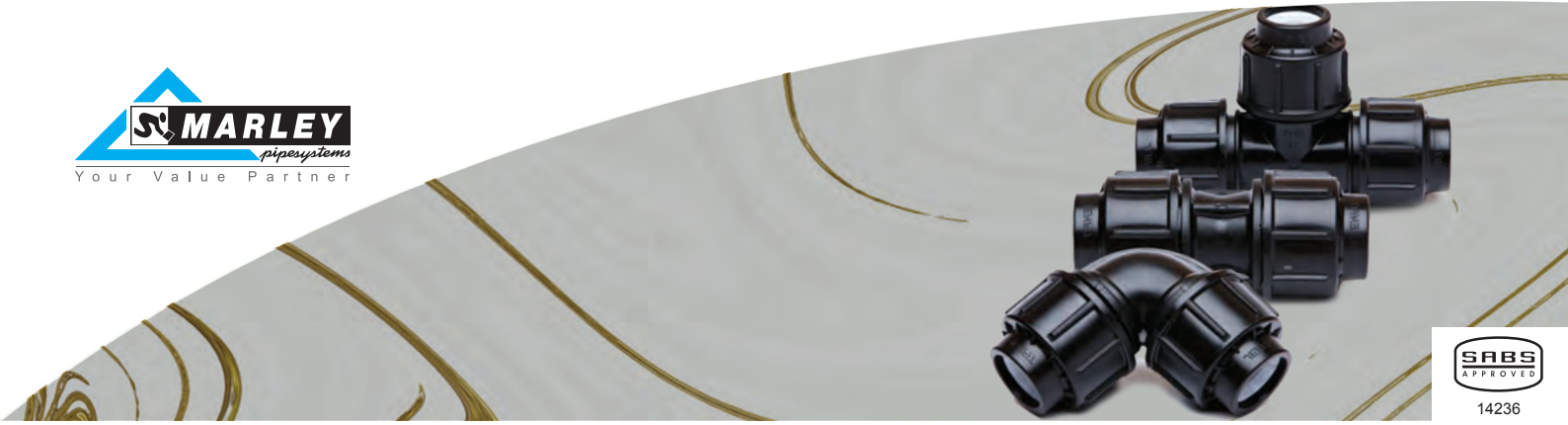


MARLEY pipesystems
Your Value Partner

Product	Product Description	Code
	Magnum Saddles Ø25	
	25 x ¾" Magnum Saddle - PN16	08710252
	Magnum Saddles Ø32	
	32 x ¾" Magnum Saddle - PN16	08710322
	32 x 1" Magnum Saddle - PN16	08710323
	Magnum Saddles Ø40	
	40 x ¾" Magnum Saddle - PN16	08710402
	40 x 1" Magnum Saddle - PN16	08710403
	Magnum Saddles Ø50	
	50 x ¾" Magnum Saddle - PN16	08710502
	50 x 1" Magnum Saddle - PN16	08710503
	Magnum Saddles Ø63	
	63 x ¾" Magnum Saddle - PN16	08710632
	63 x 1" Magnum Saddle - PN16	08710633
	63 x 1¼" Magnum Saddle - PN16	08710634
	63 x 1½" Magnum Saddle - PN16	08710635
	Magnum Saddles Ø75	
	75 x ¾" Magnum Saddle - PN16	08710752
	75 x 1" Magnum Saddle - PN16	08710753
	75 x 1¼" Magnum Saddle - PN16	08710754
	75 x 1½" Magnum Saddle - PN16	08710755
	75 x 2" Magnum Saddle - PN16	08710756
	Magnum Saddles Ø90	
	90 x ¾" Magnum Saddle - PN16	08710902
	90 x 1" Magnum Saddle - PN16	08710903
	90 x 1¼" Magnum Saddle - PN16	08710904
	90 x 1½" Magnum Saddle - PN16	08710905
	90 x 2" Magnum Saddle - PN16	08710906
	Magnum Saddles Ø110	
	110 x ¾" Magnum Saddle - PN16	08711102
	110 x 1" Magnum Saddle - PN16	08711103
	110 x 1¼" Magnum Saddle - PN16	08711104
	110 x 1½" Magnum Saddle - PN16	08711105
	110 x 2" Magnum Saddle - PN16	08711106
	Magnum Saddles Ø160	
	160 x ¾" Magnum Saddle - PN16	08721602
	160 x 1" Magnum Saddle - PN16	08711603
	160 x 1½" Magnum Saddle - PN16	08711605
	160 x 2" Magnum Saddle - PN16	08711606

FEATURES & BENEFITS

- 16 Bar
- PN 16 (Blue) pressure rating.
- Nitrile sealing gasket for excellent sealing performance and chemical resistance.
- Suitable for contact with potable water.
- High grade polypropylene body selected for its tough, high impact, lightweight, and durable properties.
- Stainless steel reinforcing rings on threaded branch (PN 16 only).
- Bolt clips to facilitate easy assembly.
- Hexagon moulding to prevent bolt turning during assembly.
- Supplied with Zinc electroplated steel bolts and nuts.
- Stainless steel bolts and nuts as well as brass inserts are available on request, subject to min manufacturing quantity and lead times.



14236

Marley's offering of compression fittings are for use with high density polyethylene pipes dedicated to fluid reticulation. They can be used in irrigation, potable water systems, including many other suitable installations in the engineering and related environments. Marley is a ISO 9001 certified company.

RANGE

The size range is from 16 mm up to 110 mm. Fittings provided with female thread have stainless steel reinforcement on sizes of 1 ¼" or larger.

MATERIALS

The body and nut are made of polypropylene co-polymer, the Split & Locating Ring in white POM resin, the O-ring in NBR and the reinforcing ring in 430 stainless steel.

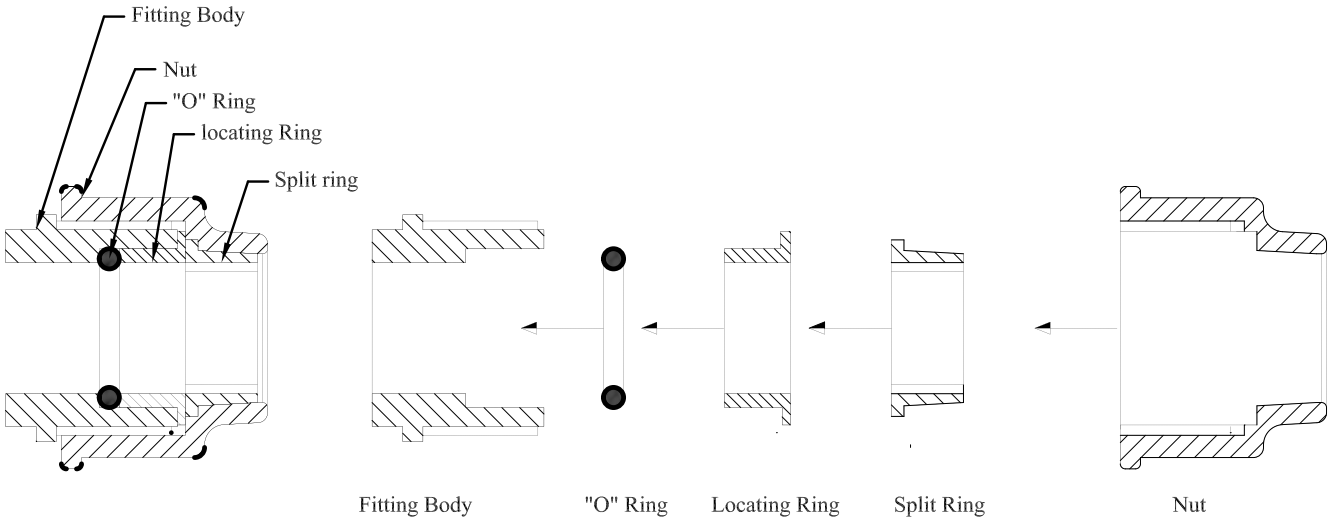
REFERENCE STANDARDS

Marley's offering of compression fittings are manufactured in compliance with the requirements of standards ISO 3458, ISO3459, ISO 3501, ISO 3503, ISO 14236, DIN 8076-3, UNI 9561 and carry the SABS mark of approval. The fittings can be installed on PE pipes which are in compliance with standards SANS 4427, DIN 8072, DIN 8074, UNI 10910, UNI EN 12201. The threaded fittings are manufactured in compliance with ISO R7.

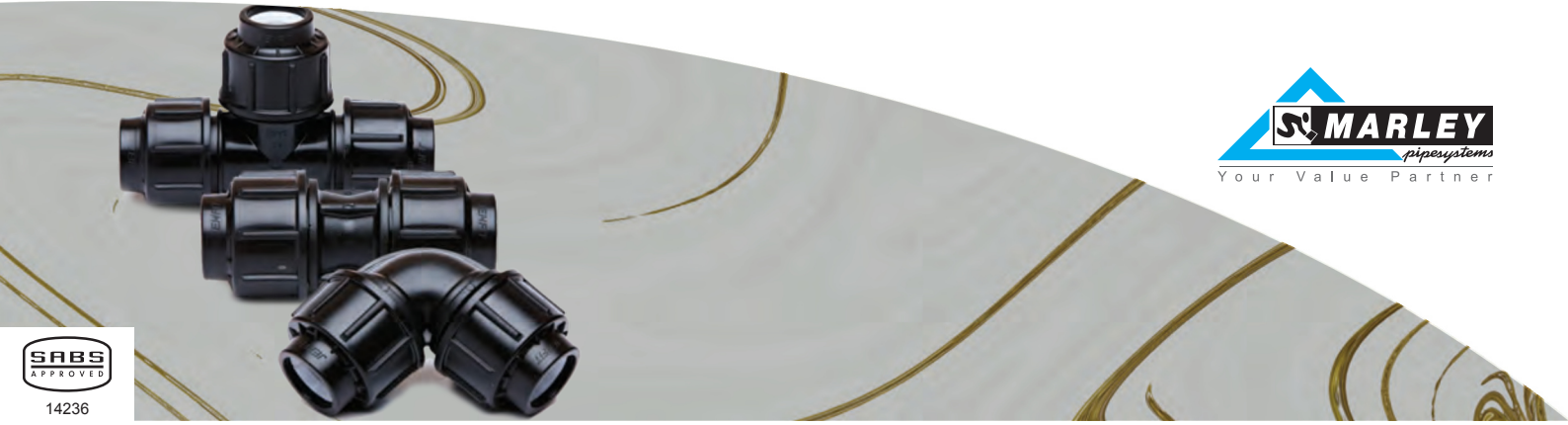
PRESSURE RATINGS AT 20°C

Fitting Size (mm)	Pressure Rating (bar)
16-63	16
75-110	10

MARLEY'S OFFERING OF COMPRESSION FITTINGS:



MARLEY COMPRESSION FITTINGS



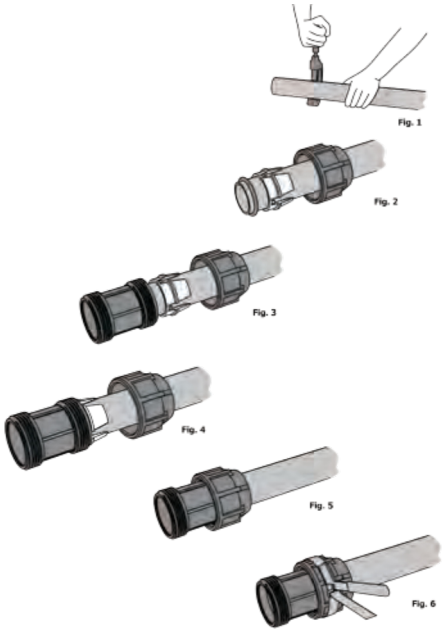
SABS APPROVED
14236

MARLEY pipesystems
Your Value Partner

COUPLING

16-63mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, Split & Locating Ring and O-ring on the mouth of the pipe. Fig 2
- Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 3
- Push the Split & Locating Ring into the body of the joint. Fig 4
- Engage the nut and fully tighten. The nut can be tightened manually up to fittings of 32 mm diameter. It is advisable to use a strap or plumbing wrench for larger diameter fittings. Fig 5 & 6



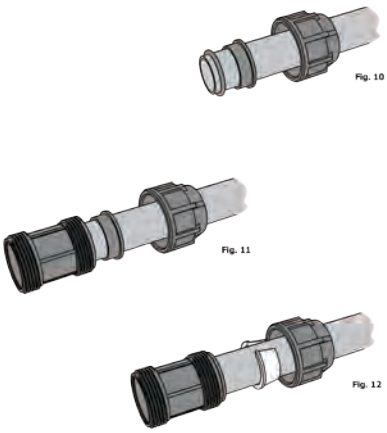


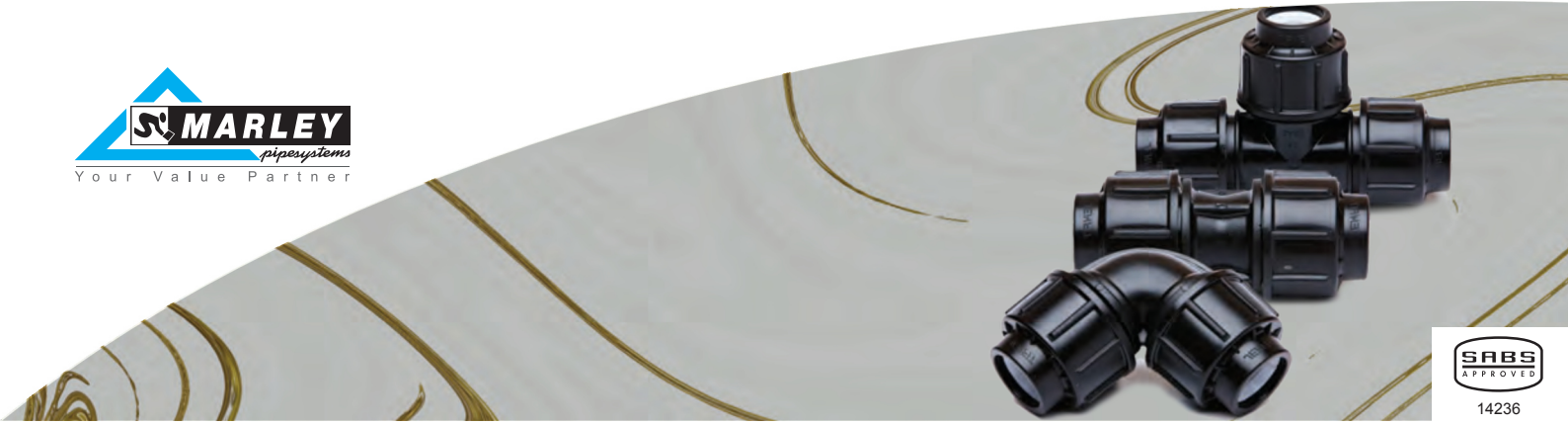
75-90mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, Split & Locating Ring, and O-ring on the mouth of the pipe. Fig 7
- Lubricate the pipe and the O-ring. Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 8
- Push the Locating Ring into the body of the joint. Slide the Split Ring up to the Locating Ring. Fig 9
- Engage the nut and fully tighten with a strap or plumbing wrench. Fig 5 & 6

110mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, Locating Ring and O-ring on the mouth of the pipe. Fig 10
- Lubricate the pipe and the O-ring. Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 11
- Push the Locating Ring into the body of the joint and fasten the nut.
- Unfasten the Locating Ring and slip the Split Ring over the pipe. Slide the Split Ring up to the Locating Ring. Fig 12
- Engage the nut and fully tighten with a strap or plumbing wrench. Fig 5 & 6





SABS APPROVED
14236



MALE ADAPTOR

Code	Size
ADM20X1	20mm X 1"
ADM20X1/2	20mm X ½"
ADM20X3/4	20mm X ¾"
ADM25X1	25mm X 1"
ADM25X1/2	25mm X ½"
ADM25X3/4	25mm X ¾"
ADM32X1	32mm X 1"
ADM32X11/2	32mm X 1 ½"
ADM32X11/4	32mm X 1 ¼"
ADM32X3/4	32mm X ¾"
ADM40X1	40mm X 1"
ADM40X11/2	40mm X 1 ½"
ADM40X11/4	40mm X 1 ¼"
ADM40X3/4	40mm X ¾"
ADM50X1	50mm X 1"
ADM50X11/2	50mm X 1 ½"
ADM50X11/4	50mm X 1 ¼"
ADM50X2	50mm X 2"
ADM63X11/2	63mm X 1 ½ "
ADM63X11/4	63mm X 1 ¼ "
ADM63X2	63mm X 2 "
ADM63X21/2	63mm X 2 ½ "



MALE ELBOW 90°

Code	Size
ELM20X1	20mm X 1"
ELM20X1/2	20mm X ½"
ELM20X3/4	20mm X ¾"
ELM25X1	25mm X 1"
ELM25X1/2	25mm X ½"
ELM25X3/4	25mm X ¾"
ELM32X1	32mm X 1"
ELM32X11/4	32mm X 1¼"
ELM32X3/4	32mm X ¾"
ELM40X1	40mm X 1"
ELM40X11/2	40mm X 1½"
ELM40X11/4	40mm X 1¼"
ELM40x3/4	40mm X ¾"
ELM50X1	50mm X 1"
ELM50X11/2	50mm X 1½"
ELM50X11/4	50mm X 1¼"
ELM50X2	50mm X 2"
ELM63X11/2	63mm X 1½"
ELM63X2	63mm X 2"
ELM63X21/2	63mm X 2½"



EQUAL TEE

Code	Size
TEE20	20mm
TEE25	25mm
TEE32	32mm
TEE40	40mm
TEE50	50mm
TEE63	63mm



COUPLING

Code	Size
COU20X20	20mm
COU25X25	25mm
COU32X32	32mm
COU40X40	40mm
COU50X50	50mm
COU63X63	63mm



END CAP

Code	Size
END20	20mm
END25	25mm
END32	32mm
END40	40mm
END50	50mm
END63	63mm



EQUAL ELBOW 90°

Code	Size
ELE20	20mm
ELE25	25mm
ELE32	32mm
ELE40	40mm
ELE50	50mm
ELE63	63mm



REDUCING COUPLING

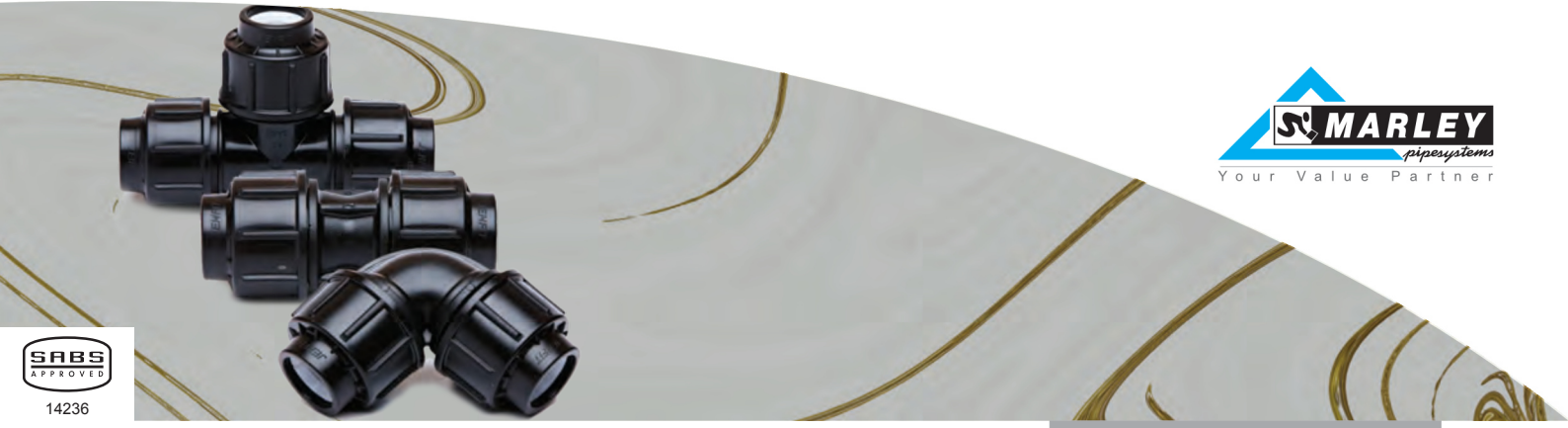
Code	Size
COR25-20	25mm X 20mm
COR32-20	32mm X 20mm
COR32-25	32mm X 25mm
COR40-20	40mm X 20mm
COR40-25	40mm X 25mm
COR40-32	40mm X 32mm
COR50-25	50mm X 25mm
COR50-32	50mm X 32mm
COR50-40	50mm X 40mm
COR63-32	63mm X 32mm
COR63-40	63mm X 40mm
COR63-50	63mm X 50mm



FEMALE ADAPTOR

Code	Size
ADF20X1/2	20mm X ½"
ADF20X3/4	20mm X ¾"
ADF25X1	25mm X 1"
ADF25X1/2	25mm X ½"
ADF25X3/4	25mm X ¾"
ADF32X1	32mm X 1"
ADF32X1/2	32mm X ½"
ADF32X11/4	32mm X 1¼"
ADF32X3/4	32mm X ¾"
ADF40X1	40mm X 1"
ADF40X11/2	40mm X 1½"
ADF40X11/4	40mm X 1¼"
ADF50X1	50mm X 1"
ADF50X11/2	50mm X 1½"
ADF50X11/4	50mm X 1¼"
ADF50X2	50mm X 2"
ADF63X11/2	63mm X 1½"
ADF63X2	63mm X 2"
ADF63X21/2	63mm X 2½"

75mm – 110mm available on request



SABS APPROVED
14236

MARLEY pipesystems
Your Value Partner



FEMALE ELBOW 90°

Code	Size
ELF20X1/2	20mm X ½"
ELF20X3/4	20mm X ¾"
ELF25X1	25mm X 1"
ELF25X1/2	25mm X ½"
ELF25X3/4	25mm X ¾"
ELF32X1	32mm X 1"
ELF32X1/2	32mm X ½"
ELF32X11/4	32mm X 1¼"
ELF32X3/4	32mm X ¾"
ELF40X1	40mm X 1"
ELF40X11/2	40mm X 1½"
ELF40X11/4	40mm X 1¼"
ELF40X3/4	40mm X ¾"
ELF50X1	50mm X 1"
ELF50X11/2	50mm X 1½"
ELF50X11/4	50mm X 1¼"
ELF50X2	50mm X 2"
ELF63X11/2	63mm X 1½"
ELF63X2	63mm X 2"
ELF63X21/2	63mm X 2½"



FEMALE TEE

Code	Size
TEF20X1/2	20mm X ½"
TEF20X3/4	20mm X ¾"
TEF25X1	25mm X 1"
TEF25X1/2	25mm X ½"
TEF25X3/4	25mm X ¾"
TEF32X1	32mm X 1"
TEF32X1/2	32mm X ½"
TEF32X11/2	32mm X 1½"
TEF32X11/4	32mm X 1¼"
TEF32X3/4	32mm X ¾"
TEF40X1	40mm X 1"
TEF40X11/2	40mm X 1½"
TEF40X11/4	40mm X 1¼"
TEF40X3/4	40mm X ¾"
TEF50X1	50mm X 1"
TEF50X11/2	50mm X 1½"
TEF50X11/4	50mm X 1¼"
TEF50X2	50mm X 2"
TEF63X11/2	63mm X 1½"
TEF63X2	63mm X 2"
TEF63X21/2	63mm X 2 ½"



MALE TEE

Code	Size
TEM20X1	20mm X 1"
TEM20X1/2	20mm X ½"
TEM20X3/4	20mm X ¾"
TEM25X1	25mm X 1"
TEM25X1/2	25mm X ½"
TEM25X3/4	25mm X ¾"
TEM32X1	32mm X 1"
TEM32X11/2	32mm X 1½"
TEM32X11/4	32mm X 1¼"
TEM32X3/4	32mm X ¾"
TEM40X1	40mm X 1"
TEM40X11/2	40mm X 1½"
TEM40X11/4	40mm X 1¼"
TEM50X11/2	50mm X 1½"
TEM50X11/4	50mm X 1¼"
TEM50X2	50mm X 2"
TEM63X11/2	63mm X 1½"
TEM63X2	63mm X 2"
TEM63X21/2	63mm X 2½"

75mm – 110mm available on request

Procedure for inserting pipe into compression fittings, not necessary to disassemble the fitting.

STEP 1:
Loosen nut anti-clockwise by hand



STEP 2:
Insert pipe through split ring, locating ring and O-ring, and up against the stopper



STEP 3:
Tighten nut clockwise by hand



Note : Ensure that the outside diameter of the HDPE pipe is according to SANS standards



HDPE PIPE DIMENSIONS							
Working Pressure PE 100	PN6	PN8	PN10	PN12	PN16	PN20	PN25
OD/Standard Dimension Ratio (SDR)	Class 26	Class 21	Class 17	Class 13.6	Class 11	Class 9	Class 7.4
Size mm	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m
16 mm					0.08		
20 mm				0.1	0.116	0.133	0.163
25 mm				0.149	0.17	0.211	0.242
32 mm			0.194	0.231	0.279	0.328	0.388
40 mm			0.294	0.361	0.431	0.511	0.605
50 mm	0.311	0.372	0.453	0.55	0.668	0.792	0.943
63 mm	0.492	0.578	0.721	0.876	1.056	1.265	1.482
75 mm	0.673	0.827	1.018	1.241	1.475	1.777	2.111
90 mm	0.977	1.186	1.463	1.778	2.137	2.563	3.024
110 mm	1.434	1.78	2.177	2.634	3.169	3.809	4.532

A LEGACY OF QUALITY, TECHNOLOGY AND PERFORMANCE

HDPE pipes are recommended for their endurance in the field – giving engineers and contractors alike the confidence in specifying a quality brand that meets the highest demands from clients and for different applications.

HDPE Pipe systems are manufactured to, and carry the SABS mark of trusted quality for SANS ISO 4427 and are available in diameters from 20mm up to 110mm.

JOINTING METHODS

- **Butt Weld**
- **Electrofusion**
- **Compression Fittings**

FEATURES & BENEFITS

- **High Impact Strength:** ensures a greater resistance to the rigours of pipe laying conditions
- **Damage Resistance:** as a result of low notch sensitivity
- **Ease of Installation:** owing to light weight and availability in long lengths
- **High Flow Capacity:** lower friction factors than most non-plastic materials
- **Long Life:** provides a long, maintenance-free lifetime with low whole life costs
- **Good Chemical and Corrosion Resistance**
- **Flexibility:** can be bent to a minimum bending radius of 30 times the pipe's outside diameter
- **Good Abrasion Resistance**
- **Good UV Resistance:** inclusion of carbon black in raw material stabilises against direct sunlight
- **Cost-effectiveness:** providing value over time



MARLEY pipesystems
Your Value Partner

HDPE CORRUGATED SLOTTED DRAINAGE & CABLE DUCT PIPES

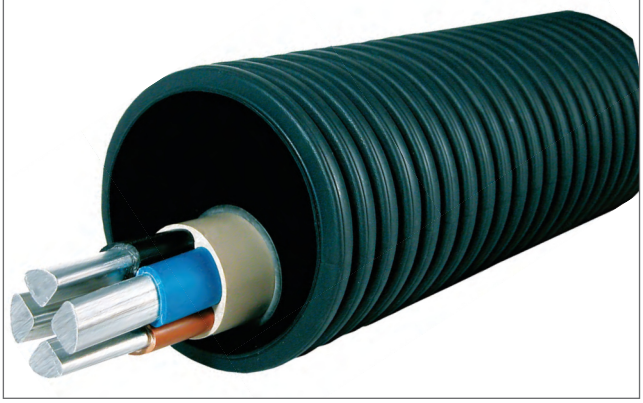
HDPE Corrugated Slotted Drainage Pipe

HD.DRAIN110.6 - 110mm x 6m length HDPE Corrugated Slotted Drainage Pipe
HD.DRAIN110.50 - 110mm x 50m coil HDPE Corrugated Slotted Drainage Pipe
HD.DRAIN160.6 - 160mm x 6m length HDPE Corrugated Slotted Drainage Pipe



HDPE Corrugated Cable Duct Pipe

HD.DUCT110.6 - 110mm x 6m length HDPE Corrugated Cable Duct Pipe
HD.DUCT110.50 - 110mm x 50m coil HDPE Corrugated Cable Duct Pipe
HD.DUCT160.6 - 160mm x 6m length HDPE Corrugated Cable Duct Pipe

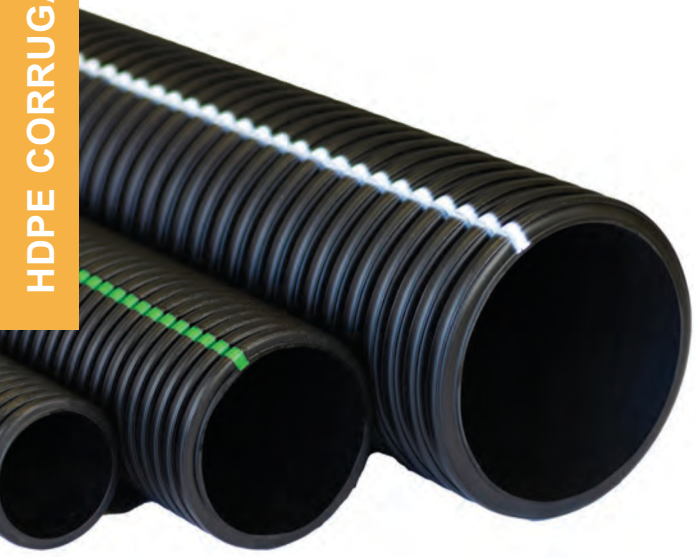


FEATURES & BENEFITS

- Double wall corrugation provides high ring stiffness
- Smooth bore ensures easy draw-in of cables
- Good chemical and corrosion resistance
- Ease of installation due to light weight
- High impact strength ensures greater damage resistance
- Compression (Normal Duty) < 450N
- Excellent abrasion resistance
- Ensures long service life with minimal maintenance

Available in 2 nominal diameters: 110mm and 160mm in 6m lengths or 50m coils.

50mm & 75mm coils available on special request





Marley's offering of HDPE corrugated slotted drainage & cable duct pipe are designed to facilitate the drainage of motorways, roads, airfields, railways, tunnels and orchards.

Marley Systems will meet the needs of the engineer concerned with the drainage problems of almost any major construction and meets the requirements of EN ISO 9969.

Marley's offering of HDPE corrugated slotted drainage & cable duct pipe provides all the advantages of HDPE such as lightweight, ease of handling and laying, smooth bore, resistance to abrasion and resistance to the aggressive agents sometimes present in soil and water.

Seal rings may be fitted to the fittings, as required by the engineer. Rodding and cleaning eyes can be incorporated in the system to clean out any siltbuild up or root ingress.

HANDLING AND STORAGE

Marley's offering of HDPE corrugated slotted drainage & cable duct pipe are light and easy to handle. Pipes should be stacked in pyramid form or alternatively, not more than I metre high on level ground on suitable racking.

TRENCH CONSTRUCTION AND PIPE LAYING

Trenches should be cut as accurate as possible. Loose soil must not be allowed to contaminate the filter material. Filter material and backfill will generally be specified by the engineer.

Filter cloth may be incorporated as a trench lining. Trench widths should be kept within the limits shown in figure 1.

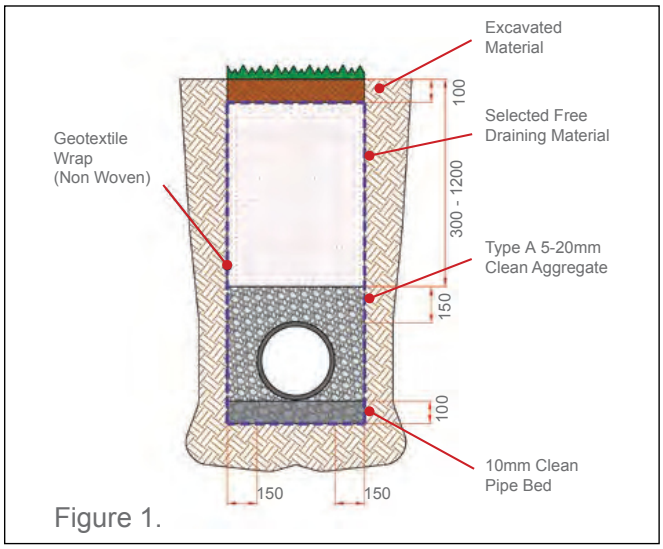
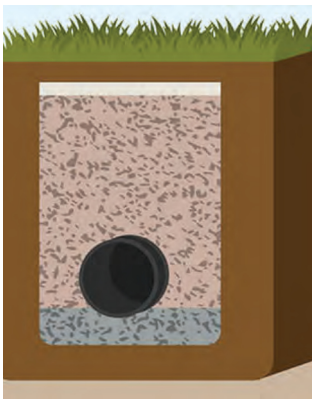


Figure 1.







MARLEY pipesystems
Your Value Partner

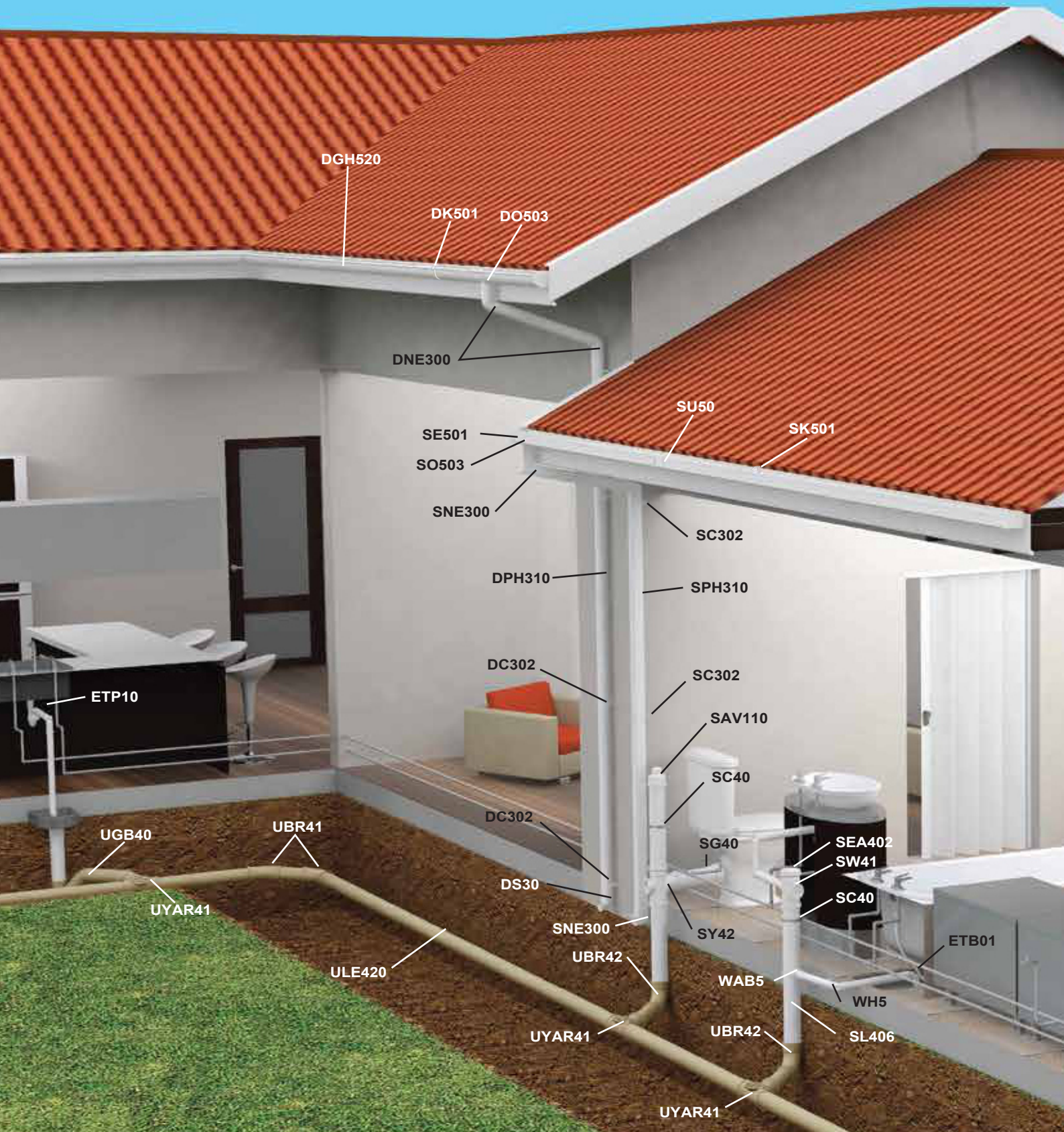
NOTES



NOTES

BRANCH OFFICES

Bloemfontein:	+27 51 434 2331/5	Nelspruit:	+27 13 753 2571
Cape Town:	+27 21 980 8460	Nigel/Exports:	+27 11 739 8600
Durban:	+27 31 791 5800	Polokwane:	+27 15 292 4141
East London:	+27 43 726 6505	Port Elizabeth:	+27 41 045 0998
Namibia:	+264 61 237 200		



www.marleypipesystems.co.za