

ADDING VALUE TO YOUR SYSTEMS



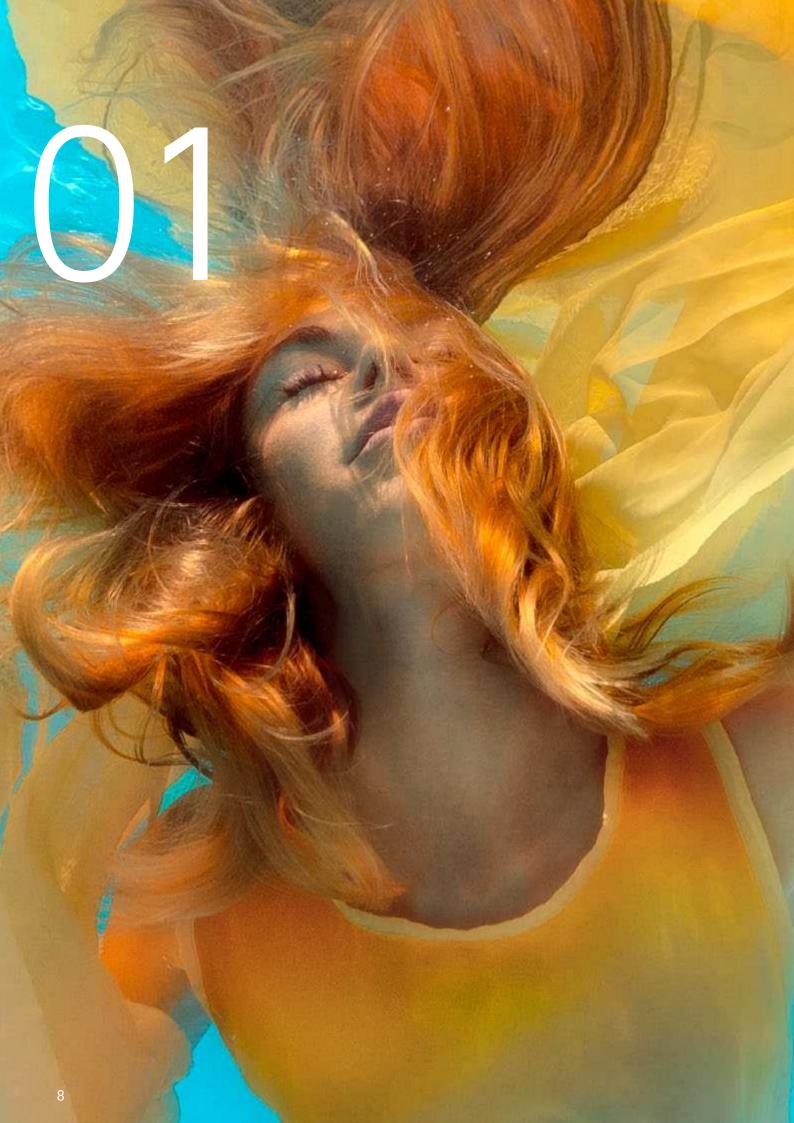
WATER TREATMENT COMPONENTS



WATER HANDLING COMPONENTS



WASTEWATER TREATMENT COMPONENTS





VALVES

MIDAS has a long tradition of valves. We look back at more than 45 years of experience as a supplier and developer of valves.

The valves are available in all necessary sizes: from $1\frac{1}{2}$ inches to 4 inches in versions: manual or half-automatic, side mount or top mount.

OVERVIEW

10	MIDA.Mat Full automatic backwash valve
11	Half automatic backwash valves 1½" and 2"
11	Hydraulic safety valve, automatic motorized 6-way-valve 3" and 4"
12	Manual 6-way-valves – SIDE MOUNT 1½", 2", 2½", 3"
16	Manual 6-way-valves – TOP MOUNT 1½" and 2"
19	Manual multiport 6-way-valves – TOP MOUNT 1½" and 2"
20	Manual multiport 6-way-valves – SIDE MOUNT 1½" and 2"
21	Manual multiport 6-way-valves – SIDE MOUNT 4"



FULL AUTOMATIC AND SIMPLY CLEVER

AUTOMATIC BACKWASH VALVE MIDA.Mat:

- ✓ innovative and trendsetting MIDAS-Development
 including more than 40 yeas of experience
- the MIDA.Mat regulates filtering, backwashing, afterrinsing and draining itself
- ✓ circulation: countdown up to 3 days!
- ✓ digital filter control up to 2 times a day
- ✓ individually programmable times for operating and backwashing the filter
- ✓ backwash: controlled by time AND pressure
- pressure setting via electronic controlled sensor – precision 0,1 bar
- battery operation in case of power cutno emptying of the pool
- automatic stop of the pump before position change
- ✓ operation log
- error memory
- ✓ digital display
- ✓ real-time clock
- ✓ suitable for all MIDAS 1½" and 2" classic line valves (color: white or black)
- ✓ shock-resistant, splash-proofed housing (IP 65)
- regulation of several valves with one control possible
- ✓ easy to install
- ✓ the ideal technology for satisfied pool customers
- ✓ available in 85–264 VAC, 47–440 Hz
- ✓ working pressure: 1½" valves 1,5 bar
 2" valves 2 bar
- ✓ MIDA.Mat The clever and perfect solution for each pool(-professional)!



Tunction	i un automatic	Hall automatic
Automatic filter	\checkmark	\checkmark
Automatic backwash	\checkmark	\checkmark
Automatic rinse	\checkmark	\checkmark
Free programmable times	\checkmark	_
Pressure control mechanically	-	\checkmark
Pressure control electronic	\checkmark	_
Timed backwashing	\checkmark	_
Backwashing pressure controlled	\checkmark	\checkmark
Autom. stop of the pump before position change	✓	\checkmark
Relay and timer	-	\checkmark
Circulation: countdown up to 3 days	\checkmark	-
Battery operation during power failure	\checkmark	-
Digital display	\checkmark	-
Operation log	\checkmark	-
Error memory	\checkmark	-
Real-time clock	\checkmark	_
Control of multiple valves	\checkmark	-
Invididual special made solutions possible	\checkmark	\checkmark

Article	Packing	Code	kg
11/2" Side Mount #310-3T*, color: white	1	310-MA	4,3
11/2" Side Mount #310-3TSB*, color: black	1	310-MA-1	4,3
2" Side Mount #320-3T*, color: white	1	320-MA	7,8

Always install horizontally.

Backwashing and emptying required, emptying via channel button.

Function



Full automatic Half automatic

 $[\]ensuremath{^{\star}}$ The explanation of the valves can be found from page 96





HALF AUTOMATIC BACKWASH VALVES

- automatic rear and rinsing adjustable backwash and rinse time (backwash: 0.5-4.0 min. rinse: 20-40 sec.)
- pressure-controlled mechanical sensor
- optional in the cycle of 7 days
- automatic stop of the pump before position change
- relay and timer
- easy to install
- shock-resistant, splash-proofed housing (IP 65)
- available in 115/230 Volt, 50/60Hz
- working pressure: 1½" valves 1,5 bar,
 2" valves 2 bar







2" SIDE MOUNT #320-A

11/2" SIDE MOUNT #310-A

Article	Packing	Code	kg
11/2" Side Mount #310-3T, color: white	1	310-AN	4,3
11/2" Side Mount #310-3TSB, color: black	1	310-ANB	4,3
2" Side Mount #320-3T, color: white	1	320-AN	5,8
2" Side Mount #320-3TSB, color; black	1	320-ANB	5.8

HYDRAULIC SAFETY VALVE IN THE DRAIN

Pipe connections: Ø 50 mm adhesive connection; voltage: 24 VAC;

current consumption: 0.125 A; working pressure: 0.2-3 bar; flow: 0.5 m³/h -14 m³/h

Article	Packing	Code	kg
Hydraulic safety valve	1	303	0,5

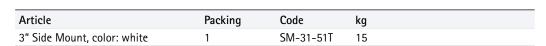




AUTOMATIC MOTORIZED 6-WAY-VALVE

Motor assembly only time-based. ALL OPEN with 2 plugs, 24V/50/60 Hz. 4 positions: filter, backwash, rinse, drain; can be backwashed manually. Works up to 2 bars (28,5 PSI) & up to +40° C (104° F) indoor. For swimming pool application only; works only in conjunction with an electronic panel (filter, heating, etc.) to be installed on site. Price includes valve.







Article	Packing	Code	kg
4" Side Mount, color: black	1	380-51T	26





MANUAL 6-WAY-VALVES – ABS, **SIDE MOUNT, SCREW ON TOP**

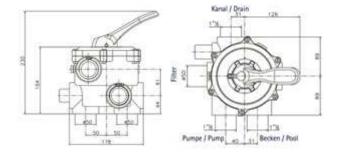






1½" SIDE-MOUNT valve classic generation, ABS material (cycolac) with slip or threaded connections.

- all-open-type with 2 plugs
- working pressure: 1,5 bar
- flow rate: 9,7 m³/h at 0,4 bar
- color: white or black



Article	Packing	Code	kg
1T-Model threaded	6	310-1T	1,83
3T-Model threaded	6	310-3T	1,83
3S-Model slip	6	310-3S	1,83
OT-Model ALL-OPEN. threaded	6	310-OT	2,00
OS-Model ALL-OPEN. slip	6	310-OS	2,00



11/2" 6-WAY-VALVE-SET

INCLUSIVE PIPING* - CLASSIC LINE

 $1\frac{1}{2}$ " SIDE-MOUNT valve (#310-3TSB) with complete 50 mm tubing set (not glued), including 2 union nuts 2".

- 2 slip connections to the filter
- 3 threaded connections rest
- working pressure: 1.5 bar
- flow rate: 9.7 m³/h at 0.4 bar
- color: black



FOR FILTER MIDA.Carbon 500 und 600

Distance between the connections: 12,5 cm

Article	Packing	Code	kg
Valve, color: black for MIDA.Carbon 500 and 600	6	310-C	1,83

^{*} not glued





2" SIDE-MOUNT valve classic generation, ABS material (cycolac) with slip or threaded connections.

• all-open-type with 2 plugs working pressure flow rate: 16 m³

OT-Modell ALL-OPEN. threaded, Color white

OS-Modell ALL-OPEN. slip, Color white

2 x adhesive & 3 x thread, Color: black



 ani-open-type with 2 plugs working pressure: 2 bar flow rate: 16 m³/h at 0,2bar color: white or black 			Pumpe / Pump Becker	
Article	Packing	Code	kg	
1T-Model threaded, Color white	6	320-1T	3,17	
3T-Model threaded, Color white	6	320-3T	3,17	
3S-Model slip, Color white	6	320-35	3,17	
3S-Model slip, Color black	6	320-3SB	3,17	

320-0T

320-OS

320-3TSB

3,17

3,17

3,17

6

6

6



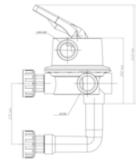


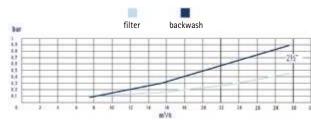
21/2" 6-WAY-VALVE SIDE MOUNT - MODERN LINE

ABS fibreglass reinforced. 21/2" threaded connections. Complete with piping set: piping, bulkhead fittings & o-rings. Distance between connections 27 cm.

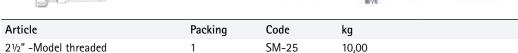
• working pressure: 2,5 bar • flow rate: 27 m3/h at 0,4 bar

color: black









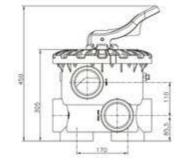


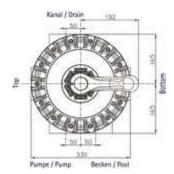
MANUAL 6-WAY-VALVES – FIBERGLAS REINFORCED **SIDE MOUNT, SCREW ON TOP**



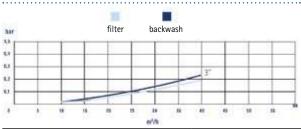
ABS fiberglass-reinforced! All-Open with 2 plugs, 3" threaded connection. Designed for swimming pool application only.

- connection system with screws in stainless steel
- EPDM o-rings
- working pressure: 3,5 bar
- color: black









Article	Packing	Code	kg
3"- Model threaded	1	331-0T	10,00







MANUAL 6-WAY-VALVES - ABS, SIDE MOUNT, BAYONET CATCH - EASY TO OPEN

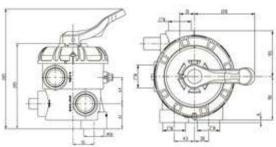


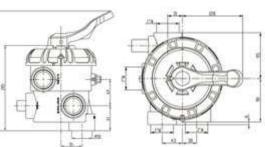
11/2" 6-WAY-VALVE SIDE MOUNT - MODERN LINE

11/2" SIDE-MOUNT High-Tech Generation, ABS material (cycolac). Bayonet-catchtype lid for quick and easy opening. With 11/2" threaded connections. Model "ST" with Ø 50 mm slip connection to the filter, other connections 11/2" threaded.

working pressure: 1,5 bar flow rate: 9,7 m³/h at 0,4 bar

· color: white or black

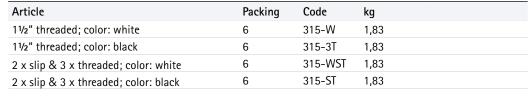














11/2" 6-WAY-VALVE SIDE MOUNT - INCL. PIPING (not glued)

1 1/2" SIDE-MOUNT valve incl. piping Ø 50 mm, incl. 2 bulkhead fittings 2". Distance between connections 12.5 cm.

 working pressure: 1,5 bar • flow rate: 9,7 m³/h at 0,4 bar

color: white or black

Article	Packing	Code	kg
#315-WST incl. piping ø 50 mm, white	6	315-P	2,00
#315-WST incl. piping ø 50 mm, black	6	315-PB	2,00



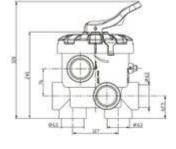


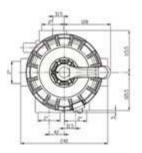
2" 6-WAY-VALVE SIDE MOUNT - MODERN LINE

2" SIDE-MOUNT High-Tech Generation, ABS material (cycolac). Bayonet-catch-type lid for quick and easy opening. With 2" threaded connections. Model "ST" with Ø 63 mm slip connection to the filter, other connections 2" threaded. Incl. key for opening.

working pressure: 2 bar • flow rate: 16 m³/h at 0,2 bar

color: white or black







#325-WST

Article	Packing	Code	kg
2" threaded, color: white	6	325-W	3,50
2" threaded, color: black	6	325-3T	3,50
2 x slip & 3 x threaded, color: white	6	325-WST	3,50
2 x slip & 3 x threaded, color: black	6	325-3ST	3,50



key for opening

MANUAL 6-WAY-VALVES - ABS, TOP MOUNT, SCREW ON TOP

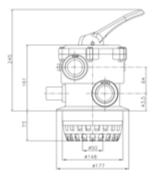


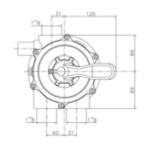
11/2" 6-WAY-VALVE

TOP MOUNT - CLASSIC LINE

1 1/2" TOP-MOUNT valve, ABS material (cycolac), 11/2" threaded connection. Clamp set of reinforced incl. bolts, nuts & o-ring.

- clamp Ø 177 mm
- working pressure: 1,5 bar
- flow rate: 8,2 m³/h at 0,4 bar
- color: white





Article	Packing	Code	kg	
1½" 6-Way-Valve, Top Mount	6	313-S	2,50	





11/2" 6-WAY-VALVE

TOP MOUNT

11/2" TOP-MOUNT valve, as above, but with large clamp Ø 208 mm.

- working pressure: 1,5 bar
- flow rate: 8,2 m³/h at 0,4 bar
- color: black

Article	Packing	Code	kg
11/2" 6-Way-Valve, Top Mount	6	313-L	2,83

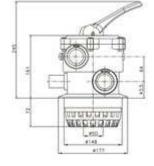


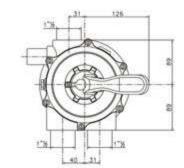
11/2" 6-WAY-VALVE

TOP MOUNT

11/2" TOP-MOUNT valve. 6" unified or buttress, 11/2" threaded connection.

- o-ring
- working pressure: 1,5 bar
- flow rate: 8,2 m³/h at 0,4 bar
- color: white







Article	Packing	Code	kg
6" unified	6	312-TU	2,17
6" buttress	6	312-TB	2,17





11/2" 6-WAY-VALVE

TOP MOUNT - MODERN LINE, HOSE CONNECTION

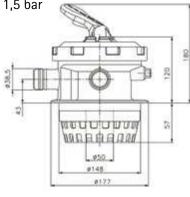
11/2" TOP-MOUNT high-tech generation valve. "Mini". Perfect for above-ground pools.

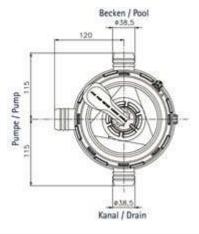
- 38 mm hose connection
- clamped-on Ø 177 mm incl. bolts, nuts & o-ring

• flow rate: 8,2 m³/h at 0,4 bar

• working pressure: 1,5 bar

color: black







Article	Packing	Code	kg
6-Way-Valve, Mini Top Mount	6	308-S	1,70



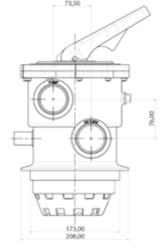
2" 6-WAY-VALVE TOP MOUNT - MODERN LINE

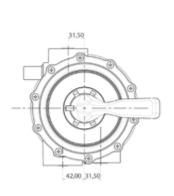
2" TOP-MOUNT-Valve, ABS (cycolac). Clamp set incl. bolts, nuts & o-ring.

• clamp Ø 208 mm

• working pressure: 2 bar • flow rate: 13 m³/h at 0,2 bar

color: black







Article	Packing	Code	kg
2" 6-way-valve, Top Mount, metric	3	322-AU-MET	7,34

MANUAL 6-WAY-VALVES – ABS, **TOP MOUNT, BAYONET CATCH – EASY TO OPEN**



11/2" 6-WAY-VALVE

TOP MOUNT - MODERN LINE, SCREW CONNECTION

1 ½" TOP-MOUNT high-tech generation valve with Bayonet-catch-type lid for quick and easy opening. 1½" threaded connection.

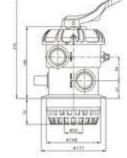
• clamp Ø 177 mm

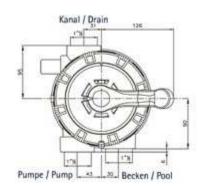
• working pressure: 1,5 bar

• flow rate: 8,2 m³/h at 0,4 bar

Clamp set incl. bolt, nuts & o-ring.

color: black





Article	Packing	Code	kg	
1½" 6-Way-Valve, Top Mount	6	317-S	2,17	





11/2" 6-WAY-VALVE

TOP MOUNT

As above, but with large clamp Ø 208 mm.

working pressure: 1,5 bar
flow rate: 8,2 m³/h at 0,4 bar

· color: black

Article	Packing	Code	kg
11/2" 6-Way-Valve, Top Mount	6	317-L	2,17





2" 6-WAY-VALVE

TOP MOUNT - MODERN LINE

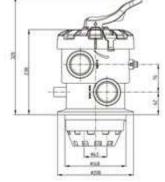
2" TOP-MOUNT high-tech generation valve with Bayonet-catch-type lid for quick and easy opening. ABS material, incl. clamp sets incl. bolts, nuts & o-ring.

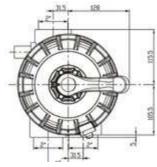
• clamp Ø 208 mm

• working pressure: 2 bar

• flow rate: 13 m³/h at 0,2 bar

color: black





Article	Packing	Code	kg
2" 6-way-valve, Top Mount	3	327-L	3,67

01 Valves

MANUAL MULTIPORT 6-WAY-VALVES – ABS,

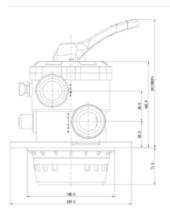
TOP MOUNT, SCREW ON TOP

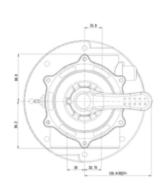
11/2" MULTIPORT 6-WAY-VALVE

TOP MOUNT

ABS bolted, screw connection. Clear sight glass for backwash inspection.

- working pressure 2,2 bar
- flow rate: 9,1 m³/h at 0,5 bar
- color: white









Pict. shows accessories

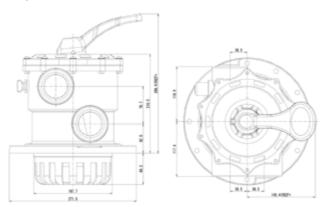
Article	Packing	Code	kg
11/2" Top Mount Multiport Valve (240 x 240 x 310 mm)	1	316	2,6
Union-Set (screw, nut, fitting)	1	316-E30	0,2
Manometer 1/4", 0-3 bar	1	MM-E1	0,2

2" MULTIPORT 6-WAY-VALVE

TOP MOUNT

ABS bolted, screw connection. Clear sight glass for backwash inspection.

- working pressure 2,2 bar
- flow rate: 19,6 m³/h at 0,6 bar
- color: white





Pict. shows accessories

Packing	Code	kg
1	326	3,8
1	326-E30	0,2
1	MM-E1	0,2
	Packing 1 1	1 326 1 326-E30

MANUAL MULTIPORT 6-WAY-VALVE – MAX. OPERATING PRESSURE **5 BAR, SIDE MOUNT, SCREW ON TOP**

- inlet / outlet & to vessel top & bottom: 11/2" BSPM union ends / 2" BSPM union ends
- pressure gauge & sampling points on: 1/4" BSPF
- re-gene rant suction tubing size: 3/4" WBSPF
- injector ratio: 1:1
- black injector suction rate: 750 lph.
- maximum operating pressure: 5 kg/cm²
- minimum pressure for uniform suction: 2 kg/cm²
- color: black



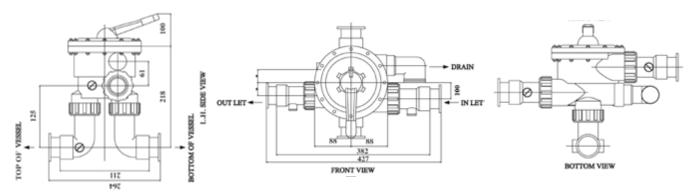


11/2" MULTIPORT VALVE

SIDE MOUNT - PRESSURE-SETTING PLASTIC MATERIAL

flow rate: 10 – 12 m³/h
maximum flow: 15 m³/h

Article	Dimensions (L x W x H)	Packing Code	kg
11/2" Side Mount Multiport Valve	352 x 330 x 340 mm	318	2







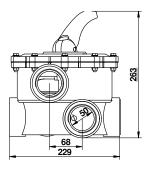
2" MULTIPORT VALVE

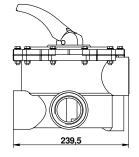
SIDE MOUNT - PRESSURE-SETTING PLASTIC MATERIAL

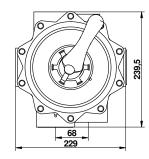
• flow rate: 20 m³/h

•	maximum	flow:	30	m³/h

Article	Dimensions (L x W x H)	Packing Code	kg
2" Side Mount Multiport Valve	239,5 x 229 x 263 mm	328	2,5









MANUAL 6-WAY-VALVE - PRESSURE-SETTING PLASTIC MATERIAL, SIDE MOUNT, SCREW ON TOP



4" 6-WAY-VALVE

SIDE MOUNT - MODERN LINE

4" 6-way-valve are extremely pressure resistant, making them an ideal choice for public swimming pools. Spider gasket as part of disc.

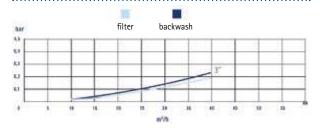
New position-selecting configuration, threaded connections. ALL-OPEN with 2 plugs for flexible installation. Ozone-resistant by temperature up to 40°C.

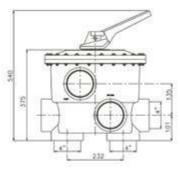
- working pressure: 3,5 bar = 49,75 PSI
- flow rate: 104 m³/h=458 GPM at 0,4 bar = 5,7 PSI,
- color: black

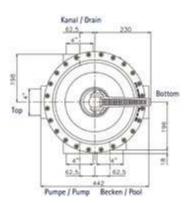


- ✓ faster & easier to install
- better overview of position selection, handling & maintenance
- ✓ less leakage possibilities than 5 gate valves
- ✓ less mistake rate of operating staff by service: closing or opening the wrong gate valve
- ✓ "RINSE" position

Performance diagram 4" 6-way-valves







Article	Packing	Code	kg
4"-threaded	1	380-0T	18,00

ADAPTER SYSTEM

4" adaptors with o-rings built-in can be supplied optionally and offering many advantages over using TEFLON tape: simpler and quicker assembly, better tightness.

Article	Packing	Code	kg
4"/110 mm "Metric"	5	380-E20	0,70





AVENTURA COMPONENTS (FZE)

PO Box 513286, SAIF Zone, Sharjah, UAE UAE No #: +971-50 825 8264 E-mail: adminfze@aventura.co.in

web: www.aventura.components.com