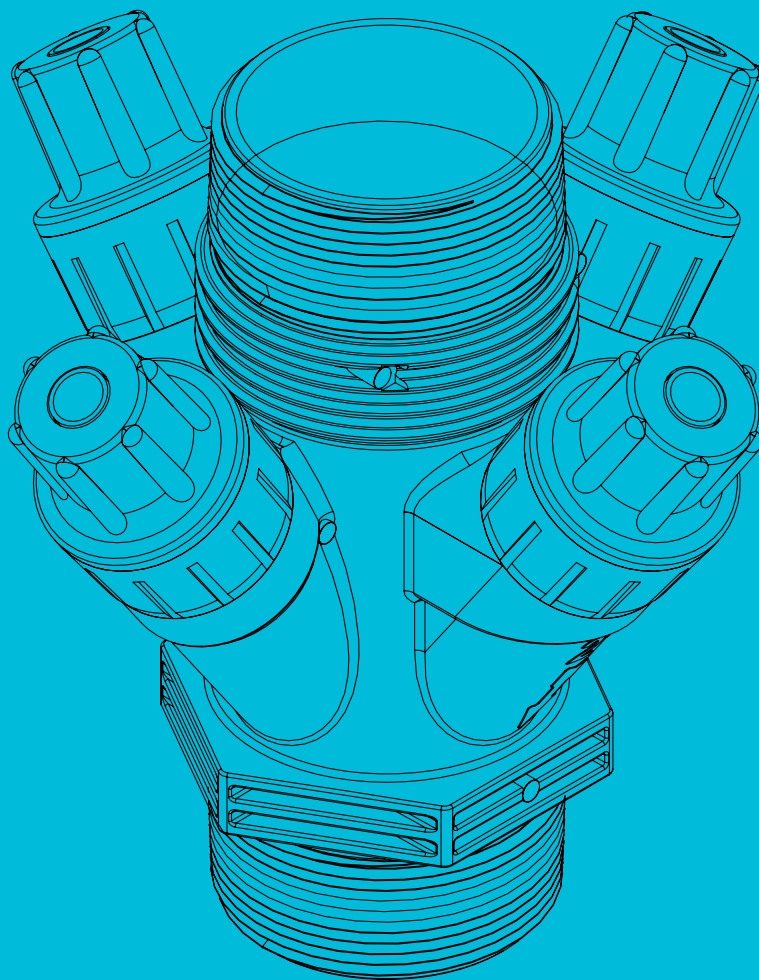


ACCESSORIES

PRODUCT CATALOG



2019 V1.0

Products appearing in this catalogue may be covered by one or more of the following US Patent Nos. 5535778, 7410108 and other U.S. patents pending or corresponding issued or pending foreign patents.

All rights are reserved. You are specifically prohibited and not allowed to reproduce, copy, duplicate, manufacture, supply, sell, hire, distribute or adapt all or any part of this publication including any packaging. Netafim™, are trademarks of Netafim™ Ltd., registered in the U.S. and other countries.

We endeavor to provide accurate, quality and detailed information. However we cannot accept liability for your reliance on the provided information and you are advised to independently seek professional advice from Netafim™ and/or its authorized representatives. There is no undertaking by us that the provided information or any part thereof is accurate, complete or up to date. Mention of third-party products is for informational purposes only and constitutes neither an endorsement nor a recommendation. Netafim™ assumes no responsibility with regard to the performance or use of these products. In no event shall Netafim™ be liable for any indirect, incidental, special or consequential damages.

CONTENTS

Introduction.....	3
Manifolds	4
Dripperlines Holders	5
Plugs & Spikes	6
Stakes	7
Adapters	8
Manual Line Flush Valves	10
Automatic Line Flush Valves.....	12
NAV - Netafim™ Air Valves.....	14
DNL	16
Pressure Regulators	18
Pressure Indicator.....	24
Tools	25
Layflat In-Field Start Connector Tools.....	27
FlexNet™ In-Field Start Connector Tools	27

INTRODUCTION

Netafim™ Accessories & Fittings Components product families are designed to complement and support efficient and professional utilization of low volume irrigation systems.

Netafim™ Accessories & Fittings Components are an integral part of your irrigation system. Each component is manufactured under the strictest quality control standards ensuring maximum system performance and reliability.

The Netafim™ Accessories & Fittings Components comprise features that make them stand out above others.

Note: the illustrations in this catalog are not to scale.

MANIFOLDS

RELIABLE DRIPPER-TO-MICRO-TUBE CONNECTOR FITTING DEVICES

Connected to an on-line dripper or dripperline adapter at its base, and up to 8 micro-tubes at its exit, our reliable manifolds enable precise irrigation distribution to multiple points.

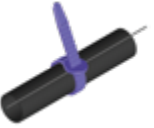
PRODUCT	DESCRIPTION	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Elbow adapter barb 3 x 5	Inlet: female press-fit Colored Black	For correct customized installation	1 unit 50 units/bag 100 units/bag	32000-002520 32000-002525	
Elbow adapter barb 3 x 5	Inlet: female press-fit Colored Gray	For correct customized installation	1 unit 50 units/bag 100 units/bag	32000-002526	
Flat manifold 2 outlets 3 x 5	Inlet: female press-fit Colored Black	To distribute water to 2 different points	1 unit 50 units/bag 100 units/bag	32000-002530 32000-002537 32000-002538	
Flat manifold 2 outlets 3 x 5	Inlet: female press-fit Colored Gray	To distribute water to 2 different points	1 unit 50 units/bag 100 units/bag	32000-002550	
Flat manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Black	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002560 32000-002567 32000-002570	
Flat manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Gray	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002590	
Flat manifold 4 outlets 3 x 5 with nipple	Inlet: female press-fit Colored Black	To distribute water to 5, 6 or 8 different points (with additional manifold)	1 unit 50 units/bag 100 units/bag	32000-002580 32000-002587 32000-002589	
Flat manifold 4 outlets 3 x 5 with nipple	Inlet: female press-fit Colored Gray	To distribute water to 5, 6 or 8 different points (with additional manifold)	1 unit 50 units/bag 100 units/bag	32000-002450	
Upright manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Brown	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002400 32000-002420 32000-002430	
Upright manifold 8 outlets 3 x 5 1/2" MTH	Inlet: 1/2" MTH Colored Black	To distribute water to 8 different points	1 unit 50 units/bag 100 units/bag	32000-002300 32000-002320 32000-002330	

Missing catalog numbers available upon request.

DRIPPERLINES HOLDERS

SUSPENSION CLIPS FOR PROTECTING DRIPPERLINES AND ENSURING SLOPED IRRIGATION ACCURACY

Available either pre-mounted to the dripperline or as a standalone attachment, our line of suspension clips are suitable for vineyard and sloped irrigation applications.

PRODUCT	DESCRIPTION	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Wine clip for 16 mm		For correct handling of irrigation pipe. Prevents flux of drops down the tube (to be assembled in the production line). The wine clips are suitable for hanging with metal wire with diameter in the range of 2-2.7 mm.	1 unit	32000-003320	
Wine clip for 16 mm	Acid resistant Colored Purple		1 unit	32000-003305	
Wine clip for 17 & 18 mm			1 unit	32000-003330	
Wine clip for 17 & 18 mm	Acid resistant Colored Purple		1 unit	32000-003310	
Wine clip for 20 mm			1 unit 100 units/bag	32000-003360 32000-003375	
Wine clip for 20 mm	Colored Gray		1 unit	32000-003380	
Wine clip for 20 mm	Acid resistant Colored Purple		1 unit	32000-003390	
Smart clip for 16 & 17 mm		For correct handling of irrigation pipe. Prevents flux of drops down the dripperline Suitable for hanging with metal wire with diameter in the range of 2-2.7 mm.	1 unit 50 units/bag 100 units/bag	32000-003400 32000-003420	
Anti spill clip for 16 & 17 mm		For correct handling of irrigation pipe. Prevents flux of drops down the dripperline in both sides of the dripper	1 unit 50 units/bag 100 units/bag	32000-003500 32000-003520 32000-003530	
Zip-tie for 12, 16, 17, 20 & 23 mm	Colored Purple	For correct handling of PE pipes	100 units/bag 1000 units/bag	32000-011400 32000-011415	
Zip-tie for 12, 16, 17, 20 & 23 mm	Colored Gray	For correct handling of PE pipes	100 units/bag 1000 units/bag	32000-011450 32000-011480	

Missing catalog numbers available upon request.

PLUGS

DIVERSE PLUGS FOR CLOSING OFF DRIPPER OUTLETS DURING INITIAL GROWING PERIOD

Suitable for on-line and integral dripperlines, our wide range of plugs close off dripper outlets to ensure precise irrigation of young plants across diverse applications.

PRODUCT	DESCRIPTION	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Ring-plug for OD dripperline 16 & 17 mm	Colored Red	To plug outlet of integral dripper (up to 3.8 l/h). Fit for wall thickness: 0.9, 1.0, 1.2 mm	1 unit 50 units/bag 100 units/bag	32000-006045 32000-006050 32000-006055	
Plug ring for 3.5 hole 16&17 mm	Colored Green	To plug outlet of integral dripper (higher than 4.0 l/h). Fit for wall thickness: 0.9, 1.0, 1.2 mm	1 unit 50 units/bag	32000-006100 32000-006120	
Ring-plug for OD dripperline 20 mm	Colored Red	To plug outlet of integral dripper (up to 3.8 l/h). Fit for wall thickness: 0.9, 1.0, 1.2 mm	1 unit 50 units/bag 100 units/bag	32000-006175 32000-006180 32000-006185	
Plug ring for 3.5 hole 20 mm	Colored Green	To plug outlet of integral dripper (higher than 4.0 l/h). Fit for wall thickness: 0.9, 1.0, 1.2 mm	1 unit 50 units/bag	32000-006200 32000-006220	
Button plug	To plug up to 5 mm hole	To plug holes in PE pipes	1 unit 50 units/bag 100 units/bag	32000-001100 32000-001110 32000-001120	
Double plug	To plug 3 & 7 mm hole	To plug holes in PE pipes	1 unit 50 units/bag 100 units/bag	32000-001000 32000-001020 32000-001030	
Button plug	To plug up to 8 mm hole	To plug holes in PE pipes	1 unit 50 units/bag 100 units/bag	32000-001200 32000-001210	
Zip-plug for OD dripperline 12, 16, 17, 20 & 23 mm	Colored Red	To plug outlet of integral dripper (flow up to 4.0 l/h). Fit for all Netafim™ heavy walled dripperlines (WT 0.9, 1.0 & 1.2 mm)	100 units/bag 1000 units/bag	32000-011000 32000-011050	
Plug for PC™ & PCJ™ Dripper	Colored Red		1 unit 100 units/bag	32000-005700 32000-005730	

Missing catalog numbers available upon request.

SPIKES

EASY-TO-USE BARB CONNECTOR-TO-MICRO-TUBE SPIKES

Featuring a barb connector at one end into which a micro-tube is securely inserted, our spikes ensure accurately targeted irrigation.

PRODUCT	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Spike for 3 x 5 micro-tube	Precise positioning of micro-tube (Height 14.3 cm)	1 unit 50 units/bag 100 units/bag	32000-001801	
Spike for 3 x 5 micro-tube	Precise positioning of micro-tube (Height 14.3 cm) Colored Gray	1 unit 50 units/bag 100 units/bag	32000-001830	
Short spike for 3 x 5 micro-tube	Precise positioning of micro-tube (Height 10.3 cm)	1 unit 50 units/bag 100 units/bag	32000-001740	
Short spike for 3 x 5 micro-tube	Precise positioning of micro-tube (Height 10.3 cm) Colored Gray	1 unit 50 units/bag 100 units/bag	32000-001835	

STAKES

EASY-TO-USE MICRO-TUBE STABILIZATION STAKES

Featuring a clamp-like end into which a micro-tube is inserted, our stabilization stakes ensure accurately targeted irrigation.

PRODUCT	DESCRIPTION	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Mini stake for CapiNet™ dripper		Precise positioning of CapiNet™	3000 units	32000-006860	
Mini stake for CapiNet™ dripper	Colored Gray	Precise positioning of CapiNet™	3000 units	32000-006880	
Stake for 8 mm OD tube 3 x 5	Colored Brown	To fix position of pipe (Height 11 cm)	1 unit 50 units/bag 100 units/bag	32500-002150 32500-002162 32500-002170	
Metal stabilizer		4 mm (Height 14 cm)	1 unit 50 units/bag 100 units/bag	32000-001600	
Stake for OD tube 16 & 17 mm		To fix position of pipe (Height 15 cm)	1 unit 50 units/bag 100 units/bag	32000-006550 32000-006562 32000-006570	
Stake for OD tube 16 & 17 mm	Colored Brown	To fix position of pipe (Height 15 cm)	1 unit 50 units/bag 100 units/bag	32000-006600 32000-006020 32000-006030	
Stake for OD tube 20 mm		To fix position of pipe (Height 15 cm)	1 unit 50 units/bag 100 units/bag	32000-006700 32000-006720 32000-006730	
Stake for OD tube 20 mm	Colored Brown	To fix position of pipe (Height 15 cm)	1 unit 50 units/bag 100 units/bag	32000-006800	
"C" Stake 5 & 7 mm		To stabilize the micro-tube, Pot, Button, PC or PCJ dripper in its place. Adaptable to 3 x 5 & 4 x 7 micro-tubes. (Height 10 cm)	1 unit 50 units/bag 100 units/bag	32000-001500 32000-001520 32000-001540	
"C" Stake 5 & 7 mm	Colored Gray	To stabilize the Pot, Button, PC or PCJ dripper in its place. Adaptable to 3 x 5 & 4 x 7 micro-tubes. (Height 10 cm)	1 unit 50 units/bag 100 units/bag	32000-001570 32000-001580	
Micro-tube weight		To stabilize the 3 x 5 micro-tube	1 unit 50 units/bag 100 units/bag	32000-002200	

Missing catalog numbers available upon request.



ADAPTERS

DR. ZIP (DRIPPERLINE ZIPPER) IS A RELIABLE DRIPPERLINE-TO-MICRO-TUBE/MANIFOLD ADAPTER

OVERVIEW

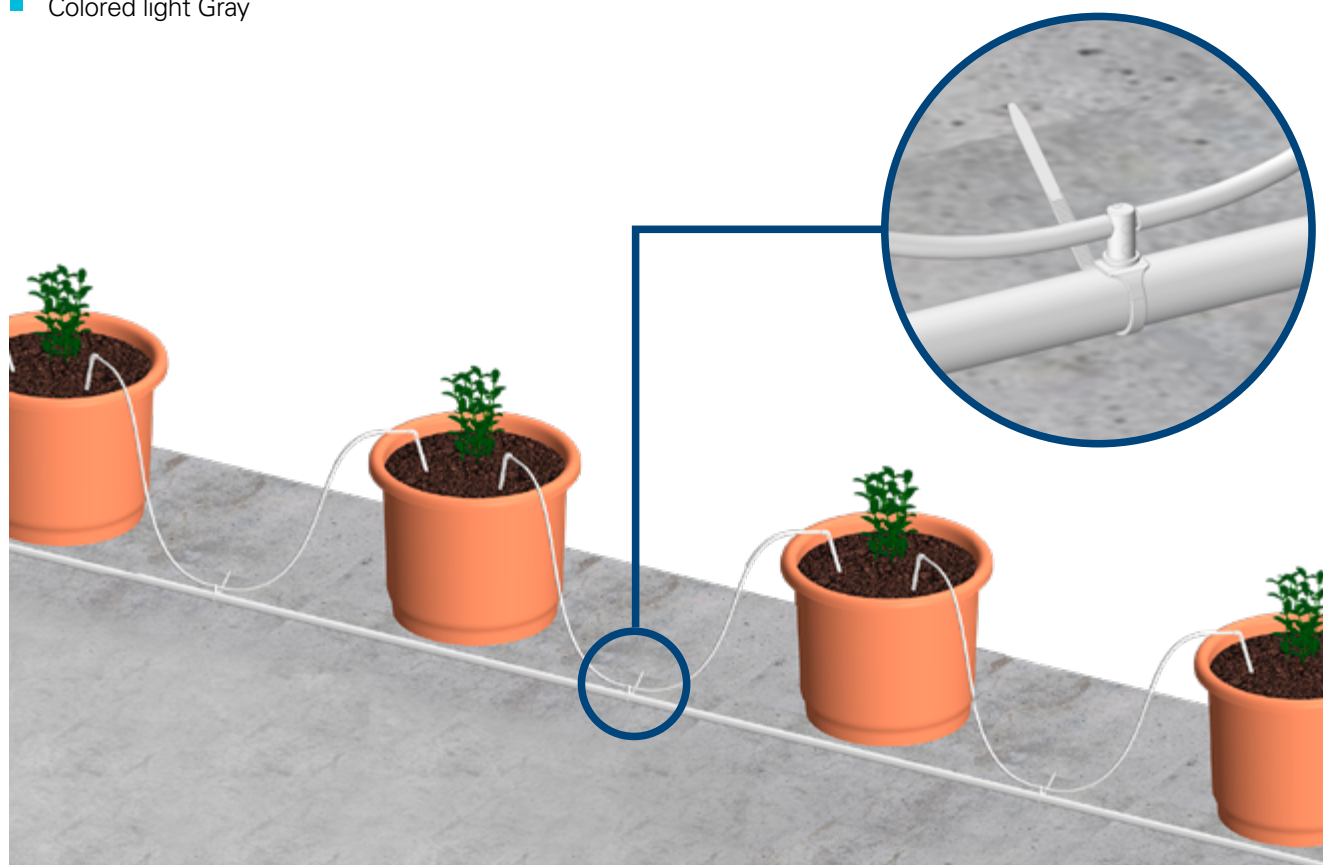
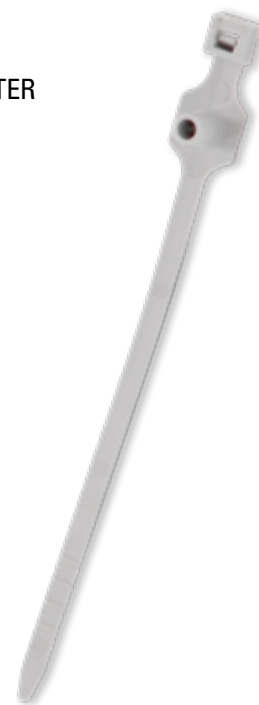
Dr. Zip enables easy connection of integral dripper to micro-tubes to ensure precise irrigation across diverse applications.

FEATURES & BENEFITS

- Easy to install & connect an integral dripper to micro-tube/manifold.
- Sufficiently flexible to wrap any deformed pipe shape, allowing reliable sealing.
- Can also be used as prevention of drop migration (draining) along laterals.

SPECIFICATIONS & RECOMMENDATIONS

- Compatible with heavy-walled dripperlines (HWD)
UniRam™, DripNet PC™ and Aries™ HWD
Wall thickness: $\geq 0.9\text{mm}$
Diameter: 12mm-20mm
Note: unsuitable for Aries™ dripperlines with flow rates of $\geq 4.0\text{ l/h}$
- Chemical- and UV-resistant for extended durability
- Colored light Gray

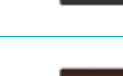


LOGISTIC INFORMATION

CATALOG NUMBER	DESCRIPTION	QUANTITY PER BOX (UNITS)	BOX DIMENSIONS (MM)	BOX WEIGHT (KG)	BOXES PER PALLET
32000-010960	DR. ZIP	3,300	354*354*232	3.1	36

COMPLEMENTARY PRODUCTS

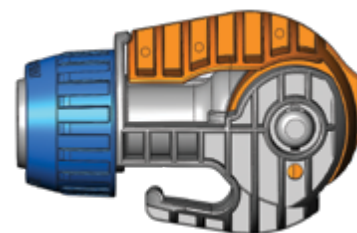
The Dr. Zip can be connected to the micro-tube with one of the following Netafim™ adapters (to be ordered separately):

PRODUCT	DESCRIPTION	FUNCTIONALITY	UNITS	CATALOG NO.	ILLUSTRATION
Elbow adapter barb 3 x 5	Inlet: female press-fit Colored Black	For correct customized installation	1 unit 50 units/bag 100 units/bag	32000-002520 32000-002525	
Elbow adapter barb 3 x 5	Inlet: female press-fit Colored Gray	For correct customized installation	1 unit 50 units/bag 100 units/bag	32000-002526	
Flat manifold 2 outlets 3 x 5	Inlet: female press-fit Colored Black	To distribute water to 2 different points	1 unit 50 units/bag 100 units/bag	32000-002530 32000-002537 32000-002538	
Flat manifold 2 outlets 3 x 5	Inlet: female press-fit Colored Gray	To distribute water to 2 different points	1 unit 50 units/bag 100 units/bag	32000-002550	
Flat manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Black	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002560 32000-002567 32000-002570	
Flat manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Gray	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002590	
Flat manifold 4 outlets 3 x 5 with nipple	Inlet: female press-fit Colored Black	To distribute water to 5, 6 or 8 different points (with additional manifold)	1 unit 50 units/bag 100 units/bag	32000-002580 32000-002587 32000-002589	
Flat manifold 4 outlets 3 x 5 with nipple	Inlet: female press-fit Colored Gray	To distribute water to 5, 6 or 8 different points (with additional manifold)	1 unit 50 units/bag 100 units/bag	32000-002450	
Upright manifold 4 outlets 3 x 5	Inlet: female press-fit Colored Brown	To distribute water to 4 different points	1 unit 50 units/bag 100 units/bag	32000-002400 32000-002420 32000-002430	
Micro-tube adapter 3 x 5	Outlet: barb 3 x 5 Inlet: press-fit	To connect a dripper nipple outlet to a micro-tube 3 x 5	1 unit 50 units/bag 100 units/bag	32000-001950	
Micro-tube adapter 3 x 5	Outlet: barb 3 x 5 Inlet: press-fit Colored Brown	To connect a dripper nipple outlet to a micro-tube 3 x 5	1 unit 50 units/bag 100 units/bag	32000-002000 32000-002010 32000-002020	
Micro-tube adapter 4 x 7	Outlet: barb 4 x 7 Inlet: press-fit	To connect a dripper nipple outlet to a micro-tube 4 x 7	1 unit 50 units/bag 100 units/bag	32000-002100 32000-002115 32000-002130	



MANUAL LINE FLUSH VALVES

EASY-TO-INSTALL MANUAL LATERAL FLUSHING VALVES



OVERVIEW

Our user-friendly manual flush valves not only simplify the folding and unfolding of thin- and thick-walled dripperlines during the flushing process, but also eliminate potential stretching and shrinking across diverse irrigation applications.

FEATURES AND BENEFITS

- Easy-to-use open/close mechanism for greater control, increased water savings and improved flushing efficiency
- Simple structure for easy installation and greater labor savings
- Chemical- and UV-resistant body for extended durability
- Low sensitivity to water quality for effective irrigation across diverse applications
- Optional Rubber band for elimination of stretching and shrinking



LOGISTIC INFORMATION

MANUAL FLUSH VALVE FOR TWD

CATALOG NO.	DESCRIPTION	DRIPPERLINE DIAMETER COMPATABILITY (MM)	DRIPPERLINE WT COMPATABILITY (MM/MIL)
32000-007590	End line flushing valve 1/2" MTH 20/bag	1/2" MTH	-
32000-007610	End Line Flushing Valve 16 mm 20/bag	16	0.15-0.38 / 6.0-15.0
32000-007730	End line flushing valve 22 mm 20/bag	22	0.20-0.38 / 8.0-15.0



MANUAL FLUSH VALVE FOR HWD

CATALOG NO.	DESCRIPTION	FIT TO DIAMETER (MM)	FIT TO WALL THICKNESS (MM/MIL)
32000-007590	End line flushing valve 1/2" MTH 20/bag	1/2" MTH	-
32000-007650	End line flushing valve 16/17 mm 20/bag	16 & 17	0.9-1.0 / 35.0-39.0
32000-007695	End Line Flushing Valve 20 mm 20/Bag	20	1.0 / 39.0



Note: Supplied in 20 units - bags. Each bag contains 2 tightening wrenches.
It is possible to order the wrenches separately, these are the catalogue numbers:

TIGHTENING KEY FOR TWD

CATALOG NO.	DESCRIPTION	FIT TO DIAMETER (MM)	FIT TO WALL THICKNESS (MM/MIL)
32000-011550	Tightening key lion for flare coupler 16	16	0.15-0.38 / 6.0-15.0
32000-011750	Tightening key elephant f/flare coupler 22	22	0.20-0.38 / 8.0-15.0

TIGHTENING KEY FOR HWD

CATALOG NO.	DESCRIPTION	FIT TO DIAMETER (MM)	FIT TO WALL THICKNESS (MM/MIL)
32000-011600	Tightening key fish f/flare coupler 16-17	16 & 17	0.9-1.0 / 35.0-39.0
32000-011700	Tightening key sheep f/flare coupler 20	20	1.0 / 39.0



EPDM

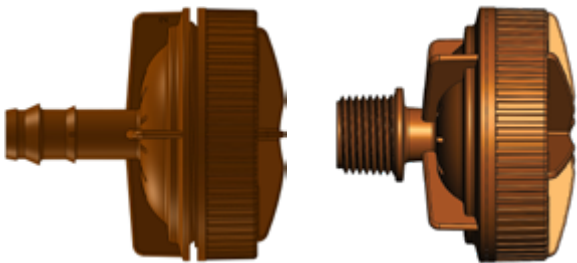
CATALOG NO.	DESCRIPTION	COMMENTS
45000-008800	Tying EPDM rubber strip 40	Fits all flush valve models





AUTOMATIC LINE FLUSH VALVES

FOR PROPER FLUSHING OF LATEST AND IMPROVED IRRIGATION SYSTEM EFFICIENCY



OVERVIEW

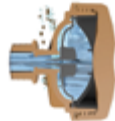
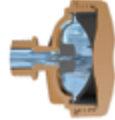
Suitable for diverse irrigation applications, our automatic flush valves clean out the dripperline at the beginning of each irrigation cycle and reopen prior to the next cycle.

FEATURES & BENEFITS

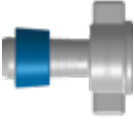
- Simple structure for easy assembly and installation
- No moving parts or springs for reliable, low-maintenance operations
- Chemical- and UV-resistant body for extended durability
- Low sensitivity to water quality for effective irrigation across diverse applications
- Fully automated system for greater labor savings



MODES OF OPERATION

MODE	PRODUCT DESCRIPTION	ILLUSTRATION
Normal	Full opening at the beginning of irrigation cycle	
Flushing	While pressure builds up in lateral, water velocity flushes the debris out through opening	
Closing	Small quantity of water flows into upper chamber, causing diaphragm to seal openings. It remains sealed until irrigation cycle ends, then the diaphragm gradually opens again	

The automatic flush valve can be connected to the laterals with one of the following Netafim™ adapters (to be ordered separately):

CATALOG NUMBER	PRODUCT DESCRIPTION	ILLUSTRATION
32500-018047	Fast ring 16 adapter FTH 1/2" with ring	
32500-018065	Fast ring 16 adapter FTH 1/2" w/o ring	
32500-017600	Ring 16 for fast ring connector (27-32 mil)	
32000-006950	Ring 16/17 for fast ring connector (0.9, 1.0, 1.2 mm)	
32500-018265	Fast ring 22 adapter FTH 1/2" with ring	
32500-018245	Fast ring 22 adapter FTH 1/2" w/o ring	
32500-017740	Ring 22 for fast ring connector (32 mil)	
32500-013380 32500-007560 32500-010275	Barb 16 adapter FTH 1/2" Barb 17 adapter FTH 1/2" Barb 20 adapter FTH 1/2"	

TECHNICAL INFORMATION

MODEL	CLOSING PRESSURE (BAR)	APPROX. DURATION OF FLUSHING (SEC)	MATERIAL	CONNECTION	MAX. WORKING PRESSURE
540	0.05	10.0	P.P. and EPDM	16 mm Fast Ring	4.0 bar
600	0.06	12.0	P.P. and EPDM	1/2" MTH	4.0 bar

LOGISTIC INFORMATION

CATALOG NUMBER	MODEL	QUANTITY (UNITS)	DIMENSIONS (CM)	WEIGHT (KG)
32000-007800	540 (Black) - box	160	32 x 29 x 49	9.25
32000-007900	540 (Brown) - box	160	32 x 29 x 49	9.25
32000-007850	600 (Brown) - box	160	32 x 29 x 49	9.25



NAV - NETAFIM™ AIR VALVES

INNOVATIVE, DURABLE VALVES FOR ENSURING ADVANCED AIR CONTROL

OVERVIEW

These type of air valves discharge large quantities of air from non-pressurized dripperlines and are used mainly during pipe filling. Air discharge is critical for efficiently filling pipelines with liquid. Air and Vacuum Valves also enable the intake of large quantities of air when lines are drained, when the pressure drops suddenly and at water column separation. Air intake is essential when draining lines during maintenance and for preventing pipe collapse when vacuum conditions exist. These valves operate when the line is NOT pressurized and remain closed when the line is under pressure. When pressure drops below atmospheric pressure, the valves open.

FEATURES & BENEFITS

- High reliability
- Easy installation
- Low maintenance
- Wide application range
- Long lifespan

KINETIC AIR VALVES - NAVk 10

These type of air valves continuously release accumulated air entrapped in a pressurized line. This entrapped air is found mostly at the peaks of the pipeline. As air accumulates in the air release valve, water is displaced, the float lowers with the drop in the water level and air is released from the exposed orifice. As water refills the air release valve, the float rises and reseals the valve.



HIGHLIGHTS

- Large-diameter kinetic orifice
- Applications: main irrigation networks, irrigation control heads, in-field systems, landscape irrigation, pipelines
- Sizes: 3/4", 1", 2"

LOGISTIC INFORMATION

CATALOG NUMBER	PRODUCT DESCRIPTION
32600-002500	NAVk 10 1" KINETIC AV PN10 BSP
32600-002800	NAVk 10 1" KINETIC AV PN10 NPT
32600-004500	NAVk 10 2" KINETIC AV PN10 BSP
32600-004200	NAVk 10 2" KINETIC AV PN10 NPT
32600-001000	NAVk 10 3/4" KINETIC AV PN10 BSP
32600-001100	NAVk 10 3/4" KINETIC AV PN10 NPT

Missing catalog numbers available upon request.

PACKAGING DATA	NAVk 10 3/4"-1"	NAVk 10 2"
No. of layers in box	2	1
No. of units in box	24	12
Length (cm)	31	37
Width (cm)	23	27.2
Height (cm)	24.5	17.5
Gross weight (kg)	4.82	3.92
Volume (m³)	0.0174	0.0266

COMBINATION AIR VALVES - NAVc 10 & NAVc 16

These type of air valves fulfill the tasks required of both types - Air and Vacuum and Automatic Air Release Valves. They discharge large volumes of air when the system is being filled, admit large volumes of air during system drainage and continuously release entrapped air when the system is under pressure.



HIGHLIGHTS

- Large-diameter automatic orifice
- All-in-one product for safe pipeline filling/ draining and dissolved air pocket release
- Applications: main irrigation networks, irrigation control heads, in-field systems, landscape irrigation, pipelines
- Sizes: 3/4", 1", 2"

LOGISTIC INFORMATION

CATALOG NUMBER	PRODUCT DESCRIPTION
32600-002000	NAVc 10 1" COMBINATION AV PN10 BSP
32600-002750	NAVc 10 1" COMBINATION AV PN10 NPT
32600-004000	NAVc 10 2" COMBINATION AV PN10 BSP
32600-004100	NAVc 10 2" COMBINATION AV PN10 NPT
32600-002700	NAVc 16 1" COMBINATION AV PN16 BSP
32600-002850	NAVc 16 1" COMBINATION AV PN16 NPT
32600-004700	NAVc 16 2" COMBINATION AV PN16 BSP
32600-004750	NAVc 16 2" COMBINATION AV PN16 NPT

PACKAGING DATA	NAVc 10,16 3/4"-1"	NAVc 10,16 2"
No. of layers in box	1	1
No. of units in box	12	6
Length (cm)	37	40.5
Width (cm)	27.2	25.5
Height (cm)	17.5	28.2
Gross weight (kg)	5.84	8.47
Volume (m ³)	0.0266	0.0291

Missing catalog numbers available upon request.

TECHNICAL INFORMATION - KINETIC & COMBINATION AIR VALVES

MODEL	SIZE	PRESSURE RATING (BAR)	ORIFICE SPECIFICATION			AIR FLOW DURING PIPE LINE FILLING, DRAINING & VACUUM CONDITIONS		AUTOMATIC AIR RELEASE	LOW PRESSURE SEALING
			D KINETIC (MM)	AD KINETIC (MM ²)	AD AUTOMATIC (MM ²)	AIR RELIEF AT +0.4 BAR (M ³ /HOUR)	AIR INTAKE AT -0.4 BAR (M ³ /HOUR)	AIR RELEASE AT 10 BAR (M ³ /HOUR)	MINIMUM OPERATION PRESSURE (BAR)
NAVk 10	3/4"	10	20.2	320		190	-180		0.1
	1"		20.2	320		220	-210		
	2"		45	755		310	-300		
NAVc 10	3/4"		20.2	320	5.4	130	-170	45	
	1"		20.2	320	5.4	130	-170	45	
	2"		45	1590	12.2	550	-480	110	
NAVc 16	3/4"	16	20.2	320	5.4	130	-170	45	
	1"		20.2	320	5.4	130	-170	45	
	2"		45	1590	12.2	550	-480	110	



DNL

DURABLE, VERSATILE DRIPPERLINE
NON-LEAKAGE (DNL) VALVES



OVERVIEW

Featuring an innovative design, our DNL valves ensure that water always remains in the main distribution line to enable intensive pulsed irrigation in greenhouses, nurseries and orchards, as well as sloped irrigation.

FEATURES AND BENEFITS

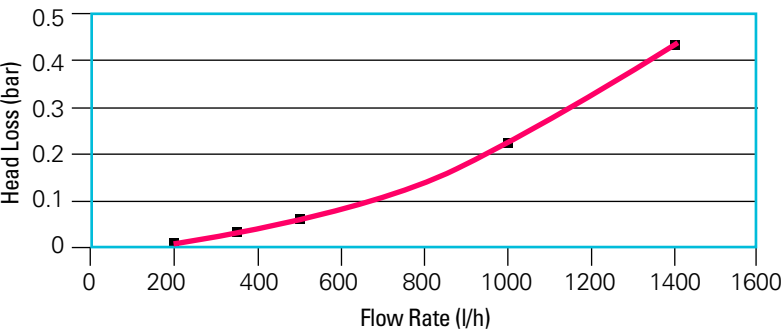
- Automatic shutdown at end of irrigation cycle for continuous water retention in the main distribution line
- Automatic shutdown at desired pressure level for greater energy savings
- Ultrasonic welding of newly improved body for leakage prevention
- Dedicated cover for effective subsurface drip irrigation (SDI) installations
- Innovative design for prevention of drainage into low areas during sloped irrigation at high inclines



TECHNICAL INFORMATION

FLOW RATE RECOMMENDED RANGE (L/H)	MAX. WORKING PRESSURE (BAR)	MIN. OPERATING PRESSURE (BAR)	SHUT-OFF PRESSURE (BAR)	INLET/OUTLET	COLOR
0-1000	4.0	0.8	0.2	1/2" MTH	Red
0-1000	4.0	1.2	0.4	1/2" MTH	Black
0-1000	4.0	1.6	0.6	1/2" MTH	Brown
0-1000	4.0	2.0	0.8	1/2" MTH	Blue

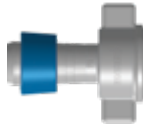
DNL - HEAD LOSS



LOGISTIC INFORMATION

CATALOG NO.	PRODUCT DESCRIPTION	ILLUSTRATION
32000-003550 32000-003555 32000-003558	DNL VALVE 1/2" MTH 0.2 BAR DNL VALVE 1/2" MTH 0.2 BAR 10/BAG DNL VALVE 1/2" MTH 0.2 BAR + SDI COVER	
32000-003560 32000-003565 32000-003568	DNL VALVE 1/2" MTH 0.4 BAR DNL VALVE 1/2" MTH 0.4 BAR 10/BAG DNL VALVE 1/2" MTH 0.4 BAR + SDI COVER	
32000-003570 32000-003580 32000-003590	DNL VALVE 1/2" MTH 0.6 BAR DNL VALVE 1/2" MTH 0.6 BAR 10/BAG DNL VALVE 1/2" MTH 0.6 BAR + SDI COVER	
32000-003595 32000-003597 32000-003592	DNL VALVE 1/2" MTH 0.8 BAR DNL VALVE 1/2" MTH 0.8 BAR 10/BAG DNL VALVE 1/2" MTH 0.8 BAR + SDI COVER	

The DNL valve can be connected to the laterals with one of the following Netafim™ adapters (to be ordered separately):

CATALOG NO.	PRODUCT DESCRIPTION	ILLUSTRATION
32500-018047	Fast ring 16 adapter FTH 1/2"	
32500-018265	Fast ring 22 adapter FTH 1/2"	
32500-013380 32500-007560 32500-010275	Barb 16 adapter FTH 1/2" Barb 17 adapter FTH 1/2" Barb 20 adapter FTH 1/2"	
32500-018065	Fast ring 16 adapter FTH 1/2" w/o ring	
32500-018245	Fast ring 22 adapter FTH 1/2" w/o ring	

PACKAGING DATA

WEIGHT (KG)	DIMENSIONS (CM)	QUANTITY (UNITS)	MODEL
7.1	24.8 x 27 x 56	350	DNL W/MTH CONN.



PRESSURE REGULATORS

ACCURATE REGULATORS FOR ENSURING UNIFORM PRESSURE

OVERVIEW

- Ensuring continuous non-peak, consistent pressure and maximum system uptime, our highly accurate pressure regulators are available in two models.
- PRV 2000: Located near the head control, this model is available at various outlet pressures.
- In-line PRV: Located at the dripperline, sprinkler or conduction/distribution pipe entry point, this model is suitable for low-flow rates that are most prevalent in sloped irrigation applications.



3/4" In-line



3/4" x 1 (2000)



1 1/2" x 2 (2000)



2" x 4 (2000)



2" x 6 (2000)



3" x 10 (2000)

PRESSURE REGULATORS SELECTION

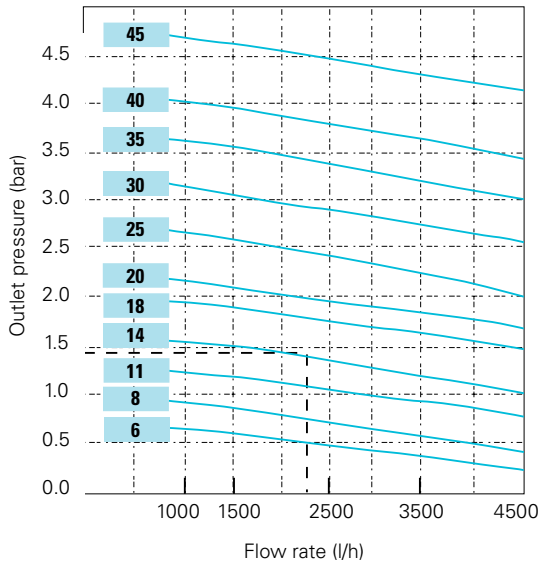
PRODUCT	MODEL	MIN. FLOW RATE (M ³ /H)	MAX. FLOW RATE (M ³ /H)	MAX. INLET PRESSURE (BAR)	BODY MATERIAL
3/4" In-line PRV (Low Flow)	In-line PRV	0.08	1.0	10	Plastic, Black
3/4" In-line PRV (Acid Resistant)	In-line PRV	0.08	1.0	4	Plastic, Purple
3/4" (1 regulating unit)	2000	1.2	4.5	10	Plastic, Black
1 1/2" (2 regulating units)	2000	2.4	9.0	10	Plastic, Black
2" (4 regulating units)	2000	4.8	18.0	10	Plastic, Black
2" (6 regulating units)	2000	7.2	27.0	10	Brass
3" (10 regulating units)	2000	12	45.0	10	Brass

REGULATING UNITS FOR 2000 SERIES SELECTION

0.6, 0.8, 1.1, 1.4, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5

* Outlet pressure in bar

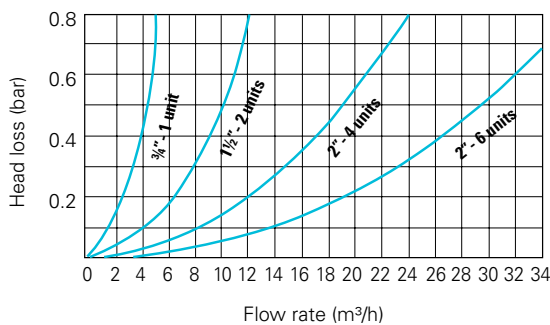
PRV 2000 SERIES OUTLET PRESSURE VS. FLOW RATE



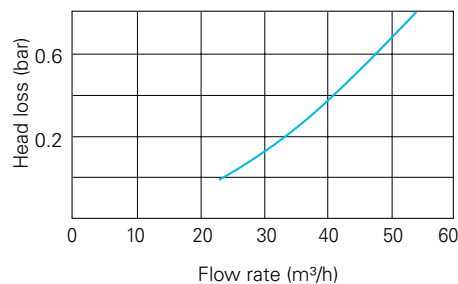
EXAMPLE: FLOW RATE – OUTPUT PRESSURE

- Given flow rate = 14.0 m³/h
- Required output pressure = 1.4 bar
- Calculation: Selected product = PRV 2" x 6 springs.
- Head loss across the PRV unit at 14.0 m³/h = 0.12 bar (graph 2)
- Flow rate per spring = 14:6 = 2.3 m³/h.
- Selected spring 1.4 = output pressure at 2.3 m³/h is 1.4 bar (graph 1)
- Total minimum required inlet pressure = 1.4 + 0.12 + 0.2 (0.2 bar is constant addition to move the piston out) = 1.72 bar
- Spring pressure regulator valve = > head loss + actual output pressure + 0.2 bar = minimum required inlet pressure

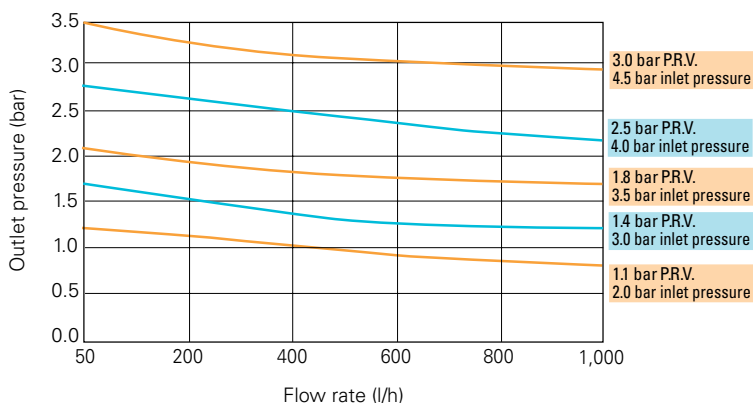
PRESSURE REGULATORS (HEAD LOSS VS. FLOW RATE)



3"X10 (HEAD LOSS VS. FLOW RATE)



IN-LINE PRV OUTLET PRESSURE VS. FLOW RATE



IN-LINE PRV LOW FLOW PRESSURE REGULATOR

- Plastic body, corrosion resistant
- Stainless steel spring
- Min. flow rate 50 l/h, max. flow rate 1000 l/h
- Inlet and outlet connector 3/4" female
- Max. inlet pressure: 10 bar
- Spring for drip irrigation: 1.1, 1.4 and 1.8 bar
- Spring for sprinklers: 2.5 and 3.0 bar with 1/2" female threaded at the outlet



LOGISTIC INFORMATION

IN-LINE PRV 3/4"

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
31000-001000	INLINE PR.V. 3/4" 1.1 BAR 15 PSI	0.08-1 / 0.35-4.4	1.1 / 15	10 / 145	1
31000-001120	INLINE PR.V. 3/4" 1.4 BAR 20 PSI	0.08-1 / 0.35-4.4	1.4 / 20	10 / 145	1
31000-001160	INLINE PR.V. 3/4" 1.8 BAR 25 PSI	0.08-1 / 0.35-4.4	1.8 / 25	10 / 145	1
31000-001200	INLINE PR.V. 3/4" 2.5 BAR 35 PSI	0.08-1 / 0.35-4.4	2.5 / 35	10 / 145	1
31000-001210	INLINE PR.V. 3/4"*1/2" 2.5 BAR 43 PSI	0.08-1 / 0.35-4.4	2.5 / 35	10 / 145	1
31000-001400	INLINE PR.V. 3/4" 3.0 BAR 43 PSI	0.08-1 / 0.35-4.4	3.0 / 43	10 / 145	1
31000-002200	INLINE PR.V. 3/4"*1/2" 2.5 BAR 35 PSI	0.08-1 / 0.35-4.4	2.5 / 35	10 / 145	1



IN-LINE PRV 3/4" FOR MINING

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
31000-001100	INLINE PR.V. 3/4" 1.1 BAR 15 PSI MINING	0.08-1 / 0.35-4.4	1.1 / 15	4 / 60	1
31000-001140	INLINE PR.V. 3/4" 1.4 BAR 20 PSI MINING	0.08-1 / 0.35-4.4	1.4 / 20	4 / 60	1
31000-001180	INLINE PR.V. 3/4" 1.8 BAR 25 PSI MINING	0.08-1 / 0.35-4.4	1.8 / 25	4 / 60	1
31000-001300	INLINE PR.V. 3/4" 2.5 BAR 35 PSI MINING	0.08-1 / 0.35-4.4	2.5 / 35	4 / 60	1
31000-002300	INLINE PR.V. 3/4"*1/2" 1.1 BAR MINING	0.08-1 / 0.35-4.4	1.1 / 15	4 / 60	1
31000-002330	INLINE PR.V. 3/4"*1/2" 1.4 BAR MINING	0.08-1 / 0.35-4.4	1.4 / 20	4 / 60	1
31000-002360	INLINE PR.V. 3/4"*1/2" 1.8 BAR MINING	0.08-1 / 0.35-4.4	1.8 / 25	4 / 60	1
31000-002390	INLINE PR.V. 3/4"*1/2" 2.5 BAR MINING	0.08-1 / 0.35-4.4	2.5 / 35	4 / 60	1



PRV 2000 3/4"

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
30500-001000	PR.V. 2000 3/4" 0.6 BAR 9 PSI	1.2-4.5 / 5.2-19.8	0.6 / 9	10 / 145	1
30500-001100	PR.V. 2000 3/4" 0.8 BAR 12 PSI	1.2-4.5 / 5.2-19.8	0.8 / 12	10 / 145	1
30500-001200	PR.V. 2000 3/4" 1.1 BAR 15 PSI	1.2-4.5 / 5.2-19.8	1.1 / 15	10 / 145	1
30500-001300	PR.V. 2000 3/4" 1.4 BAR 20 PSI	1.2-4.5 / 5.2-19.8	1.4 / 20	10 / 145	1
30500-001400	PR.V. 2000 3/4" 1.8 BAR 25 PSI	1.2-4.5 / 5.2-19.8	1.8 / 25	10 / 145	1
30500-001500	PR.V. 2000 3/4" 2.0 BAR 30 PSI	1.2-4.5 / 5.2-19.8	2.0 / 30	10 / 145	1
30500-001600	PR.V. 2000 3/4" 2.5 BAR 35 PSI	1.2-4.5 / 5.2-19.8	2.5 / 35	10 / 145	1
30500-001700	PR.V. 2000 3/4" 3.0 BAR 43 PSI	1.2-4.5 / 5.2-19.8	3.0 / 43	10 / 145	1
30500-001800	PR.V. 2000 3/4" 3.5 BAR 50 PSI	1.2-4.5 / 5.2-19.8	3.5 / 50	10 / 145	1
30500-001900	PR.V. 2000 3/4" 4.0 BAR 57 PSI	1.2-4.5 / 5.2-19.8	4.0 / 57	10 / 145	1
30500-002000	PR.V. 2000 3/4" 4.5 BAR 65 PSI	1.2-4.5 / 5.2-19.8	4.5 / 65	10 / 145	1



PRV 2000 1.5" 2 UNITS

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
30520-001000	PR.V. 2000 1.5" 0.6 BAR 9 PSI 2U	2.4-9 / 10.4-39.6	0.6 / 9	10 / 145	2
30520-001100	PR.V. 2000 1.5" 0.8 BAR 12 PSI 2U	2.4-9 / 10.4-39.6	0.8 / 12	10 / 145	2
30520-001200	PR.V. 2000 1.5" 1.1 BAR 15 PSI 2U	2.4-9 / 10.4-39.6	1.1 / 15	10 / 145	2
30520-001300	PR.V. 2000 1.5" 1.4 BAR 20 PSI 2U	2.4-9 / 10.4-39.6	1.4 / 20	10 / 145	2
30520-001400	PR.V. 2000 1.5" 1.8 BAR 25 PSI 2U	2.4-9 / 10.4-39.6	1.8 / 25	10 / 145	2
30520-001500	PR.V. 2000 1.5" 2.0 BAR 30 PSI 2U	2.4-9 / 10.4-39.6	2.0 / 30	10 / 145	2
30520-001600	PR.V. 2000 1.5" 2.5 BAR 35 PSI 2U	2.4-9 / 10.4-39.6	2.5 / 35	10 / 145	2
30520-001700	PR.V. 2000 1.5" 3.0 BAR 43 PSI 2U	2.4-9 / 10.4-39.6	3.0 / 43	10 / 145	2
30520-001800	PR.V. 2000 1.5" 3.5 BAR 50 PSI 2U	2.4-9 / 10.4-39.6	3.5 / 50	10 / 145	2
30520-001900	PR.V. 2000 1.5" 4.0 BAR 57 PSI 2U	2.4-9 / 10.4-39.6	4.0 / 57	10 / 145	2
30520-002000	PR.V. 2000 1.5" 4.5 BAR 65 PSI 2U	2.4-9 / 10.4-39.6	4.5 / 65	10 / 145	2



PRV 2000 2" 4 UNITS

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
30540-000900	PR.V. 2000 2" BSPT 0.6 BAR 9 PSI 4U PL	4.8-18 / 20.8-79.2	0.6 / 9	10 / 145	4
30540-000901	PR.V. 2000 2" BSPT 0.8 BAR 12 PSI 4U PL	4.8-18 / 20.8-79.2	0.8 / 12	10 / 145	4
30540-000902	PR.V. 2000 2" BSPT 1.1 BAR 15 PSI 4U PL	4.8-18 / 20.8-79.2	1.1 / 15	10 / 145	4
30540-000903	PR.V. 2000 2" BSPT 1.4 BAR 20 PSI 4U PL	4.8-18 / 20.8-79.2	1.4 / 20	10 / 145	4
30540-000904	PR.V. 2000 2" BSPT 1.8 BAR 25 PSI 4U PL	4.8-18 / 20.8-79.2	1.8 / 25	10 / 145	4
30540-000905	PR.V. 2000 2" BSPT 2.0 BAR 30 PSI 4U PL	4.8-18 / 20.8-79.2	2.0 / 30	10 / 145	4
30540-000906	PR.V. 2000 2" BSPT 2.5 BAR 35 PSI 4U PL	4.8-18 / 20.8-79.2	2.5 / 35	10 / 145	4
30540-000907	PR.V. 2000 2" BSPT 3.0 BAR 43 PSI 4U PL	4.8-18 / 20.8-79.2	3.0 / 43	10 / 145	4
30540-000908	PR.V. 2000 2" BSPT 3.5 BAR 50 PSI 4U PL	4.8-18 / 20.8-79.2	3.5 / 50	10 / 145	4
30540-000909	PR.V. 2000 2" BSPT 4.0 BAR 57 PSI 4U PL	4.8-18 / 20.8-79.2	4.0 / 57	10 / 145	4
30540-000910	PR.V. 2000 2" BSPT 4.5 BAR 65 PSI 4U PL	4.8-18 / 20.8-79.2	4.5 / 65	10 / 145	4
30540-000950	PR.V. 2000 2" NPT 0.6 BAR 9 PSI 4U PL	4.8-18 / 20.8-79.2	0.6 / 9	10 / 145	4
30540-000951	PR.V. 2000 2" NPT 0.8 BAR 12 PSI 4U PL	4.8-18 / 20.8-79.2	0.8 / 12	10 / 145	4
30540-000952	PR.V. 2000 2" NPT 1.1 BAR 15 PSI 4U PL	4.8-18 / 20.8-79.2	1.1 / 15	10 / 145	4
30540-000953	PR.V. 2000 2" NPT 1.4 BAR 20 PSI 4U PL	4.8-18 / 20.8-79.2	1.4 / 20	10 / 145	4
30540-000954	PR.V. 2000 2" NPT 1.8 BAR 25 PSI 4U PL	4.8-18 / 20.8-79.2	1.8 / 25	10 / 145	4
30540-000955	PR.V. 2000 2" NPT 2.0 BAR 30 PSI 4U PL	4.8-18 / 20.8-79.2	2.0 / 30	10 / 145	4
30540-000956	PR.V. 2000 2" NPT 2.5 BAR 35 PSI 4U PL	4.8-18 / 20.8-79.2	2.5 / 35	10 / 145	4
30540-000957	PR.V. 2000 2" NPT 3.0 BAR 43 PSI 4U PL	4.8-18 / 20.8-79.2	3.0 / 43	10 / 145	4
30540-000958	PR.V. 2000 2" NPT 3.5 BAR 50 PSI 4U PL	4.8-18 / 20.8-79.2	3.5 / 50	10 / 145	4
30540-000959	PR.V. 2000 2" NPT 4.0 BAR 57 PSI 4U PL	4.8-18 / 20.8-79.2	4.0 / 57	10 / 145	4
30540-000960	PR.V. 2000 2" NPT 4.5 BAR 65 PSI 4U PL	4.8-18 / 20.8-79.2	4.5 / 65	10 / 145	4



PRV 2000 2" 6 UNITS

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
30560-001000	PR.V. 2000 2" BSPP 0.6 BAR 9 PSI 6U	7.2-27 / 31.2-118.8	0.6 / 9	10 / 145	6
30560-001100	PR.V. 2000 2" BSPP 0.8 BAR 12 PSI 6U	7.2-27 / 31.2-118.8	0.8 / 12	10 / 145	6
30560-001200	PR.V. 2000 2" BSPP 1.1 BAR 15 PSI 6U	7.2-27 / 31.2-118.8	1.1 / 15	10 / 145	6
30560-001300	PR.V. 2000 2" BSPP 1.4 BAR 20 PSI 6U	7.2-27 / 31.2-118.8	1.4 / 20	10 / 145	6
30560-001400	PR.V. 2000 2" BSPP 1.8 BAR 25 PSI 6U	7.2-27 / 31.2-118.8	1.8 / 25	10 / 145	6
30560-001500	PR.V. 2000 2" BSPP 2.0 BAR 30 PSI 6U	7.2-27 / 31.2-118.8	2.0 / 30	10 / 145	6
30560-001600	PR.V. 2000 2" BSPP 2.5 BAR 35 PSI 6U	7.2-27 / 31.2-118.8	2.5 / 35	10 / 145	6
30560-001700	PR.V. 2000 2" BSPP 3.0 BAR 43 PSI 6U	7.2-27 / 31.2-118.8	3.0 / 43	10 / 145	6
30560-001800	PR.V. 2000 2" BSPP 3.5 BAR 50 PSI 6U	7.2-27 / 31.2-118.8	3.5 / 50	10 / 145	6
30560-001900	PR.V. 2000 2" BSPP 4.0 BAR 57 PSI 6U	7.2-27 / 31.2-118.8	4.0 / 57	10 / 145	6
30560-002000	PR.V. 2000 2" BSPP 4.5 BAR 65 PSI 6U	7.2-27 / 31.2-118.8	4.5 / 65	10 / 145	6
30560-002100	PR.V. 2000 2" NPT 0.6 BAR 9 PSI 6U	7.2-27 / 31.2-118.8	0.6 / 9	10 / 145	6
30560-002200	PR.V. 2000 2" NPT 0.8 BAR 12 PSI 6U	7.2-27 / 31.2-118.8	0.8 / 12	10 / 145	6
30560-002300	PR.V. 2000 2" NPT 1.1 BAR 15 PSI 6U	7.2-27 / 31.2-118.8	1.1 / 15	10 / 145	6
30560-002400	PR.V. 2000 2" NPT 1.4 BAR 20 PSI 6U	7.2-27 / 31.2-118.8	1.4 / 20	10 / 145	6
30560-002500	PR.V. 2000 2" NPT 1.8 BAR 25 PSI 6U	7.2-27 / 31.2-118.8	1.8 / 25	10 / 145	6
30560-002600	PR.V. 2000 2" NPT 2.0 BAR 30 PSI 6U	7.2-27 / 31.2-118.8	2.0 / 30	10 / 145	6
30560-002700	PR.V. 2000 2" NPT 2.5 BAR 35 PSI 6U	7.2-27 / 31.2-118.8	2.5 / 35	10 / 145	6
30560-002800	PR.V. 2000 2" NPT 3.0 BAR 43 PSI 6U	7.2-27 / 31.2-118.8	3.0 / 43	10 / 145	6
30560-002900	PR.V. 2000 2" NPT 3.5 BAR 50 PSI 6U	7.2-27 / 31.2-118.8	3.5 / 50	10 / 145	6
30560-003000	PR.V. 2000 2" NPT 4.0 BAR 57 PSI 6U	7.2-27 / 31.2-118.8	4.0 / 57	10 / 145	6
30560-003100	PR.V. 2000 2" NPT 4.5 BAR 65 PSI 6U	7.2-27 / 31.2-118.8	4.5 / 65	10 / 145	6



PRV 2000 3" 10 units

CATALOG NO.	DESCRIPTION	FLOW RANGE (M ³ /H / GPM)	NOMINAL OUTPUT PRESSURE (BAR / PSI)	MAX OPERATING PRESSURE (BAR / PSI)	REGULATING UNITS QTY
30580-001000	PR.V. 2000 3" BSPP 0.6 BAR 9 PSI 10U	12-45 / 52-198	0.6 / 9	10 / 145	10
30580-001100	PR.V. 2000 3" BSPP 0.8 BAR 12 PSI 10U	12-45 / 52-198	0.8 / 12	10 / 145	10
30580-001200	PR.V. 2000 3" BSPP 1.1 BAR 15 PSI 10U	12-45 / 52-198	1.1 / 15	10 / 145	10
30580-001300	PR.V. 2000 3" BSPP 1.4 BAR 20 PSI 10U	12-45 / 52-198	1.4 / 20	10 / 145	10
30580-001400	PR.V. 2000 3" BSPP 1.8 BAR 25 PSI 10U	12-45 / 52-198	1.8 / 25	10 / 145	10
30580-001500	PR.V. 2000 3" BSPP 2.0 BAR 30 PSI 10U	12-45 / 52-198	2.0 / 30	10 / 145	10
30580-001600	PR.V. 2000 3" BSPP 2.5 BAR 35 PSI 10U	12-45 / 52-198	2.5 / 35	10 / 145	10
30580-001700	PR.V. 2000 3" BSPP 3.0 BAR 43 PSI 10U	12-45 / 52-198	3.0 / 43	10 / 145	10
30580-001800	PR.V. 2000 3" BSPP 3.5 BAR 50 PSI 10U	12-45 / 52-198	3.5 / 50	10 / 145	10
30580-001900	PR.V. 2000 3" BSPP 4.0 BAR 57 PSI 10U	12-45 / 52-198	4.0 / 57	10 / 145	10
30580-002000	PR.V. 2000 3" BSPP 4.5 BAR 65 PSI 10U	12-45 / 52-198	4.5 / 65	10 / 145	10
30580-002100	PR.V. 2000 3" NPT 0.6 BAR 9 PSI 10U	12-45 / 52-198	0.6 / 9	10 / 145	10
30580-002200	PR.V. 2000 3" NPT 0.8 BAR 12 PSI 10U	12-45 / 52-198	0.8 / 12	10 / 145	10
30580-002300	PR.V. 2000 3" NPT 1.1 BAR 15 PSI 10U	12-45 / 52-198	1.1 / 15	10 / 145	10
30580-002400	PR.V. 2000 3" NPT 1.4 BAR 20 PSI 10U	12-45 / 52-198	1.4 / 20	10 / 145	10
30580-002500	PR.V. 2000 3" NPT 1.8 BAR 25 PSI 10U	12-45 / 52-198	1.8 / 25	10 / 145	10
30580-002600	PR.V. 2000 3" NPT 2.0 BAR 30 PSI 10U	12-45 / 52-198	2.0 / 30	10 / 145	10
30580-002700	PR.V. 2000 3" NPT 2.5 BAR 35 PSI 10U	12-45 / 52-198	2.5 / 35	10 / 145	10
30580-002800	PR.V. 2000 3" NPT 3.0 BAR 43 PSI 10U	12-45 / 52-198	3.0 / 43	10 / 145	10
30580-002900	PR.V. 2000 3" NPT 3.5 BAR 50 PSI 10U	12-45 / 52-198	3.5 / 50	10 / 145	10
30580-003000	PR.V. 2000 3" NPT 4.0 BAR 57 PSI 10U	12-45 / 52-198	4.0 / 57	10 / 145	10
30580-003100	PR.V. 2000 3" NPT 4.5 BAR 65 PSI 10U	12-45 / 52-198	4.5 / 65	10 / 145	10



SPARE PARTS FOR PRV 2000

CATALOG NO.	DESCRIPTION
31500-001000	REGULATING UNIT 2000 0.6 BAR 9 PSI
31500-001100	REGULATING UNIT 2000 0.8 BAR 12 PSI
31500-001200	REGULATING UNIT 2000 1.1 BAR 15 PSI
31500-001300	REGULATING UNIT 2000 1.4 BAR 20 PSI
31500-001400	REGULATING UNIT 2000 1.8 BAR 25 PSI
31500-001500	REGULATING UNIT 2000 2.0 BAR 30 PSI
31500-001600	REGULATING UNIT 2000 2.5 BAR 35 PSI
31500-001700	REGULATING UNIT 2000 3.0 BAR 43 PSI
31500-001800	REGULATING UNIT 2000 3.5 BAR 50 PSI
31500-001900	REGULATING UNIT 2000 4.0 BAR 57 PSI
31500-002000	REGULATING UNIT 2000 4.5 BAR 65 PSI
31500-002020	PR.V. 2000 3/4"-BODY REPLACEMENT KIT
31500-002030	PR.V. 2000 1.5"-BODY REPLACEMENT KIT
31500-018910	PR.V.2000 2" 4U BSPT-B.REPLACEMENT KIT
31500-018900	PR.V.2000 2" 4U NPT-B.REPLACEMENT KIT
31500-002060	PR.V.2000 2" 6U BSPP-B.REPLACEMENT KIT
31500-002070	PR.V.2000 2" 6U NPT-B.REPLACEMENT KIT
31500-002075	PRV 2000 2" 6U NPT-B.REPLCMNT KIT 5/CASE
31500-002080	PR.V.2000 3" 10U BSPP-B.REPLACEMENT KIT
31500-002090	PR.V.2000 3" 10U NPT-B.REPLACEMENT KIT





PRESSURE INDICATOR

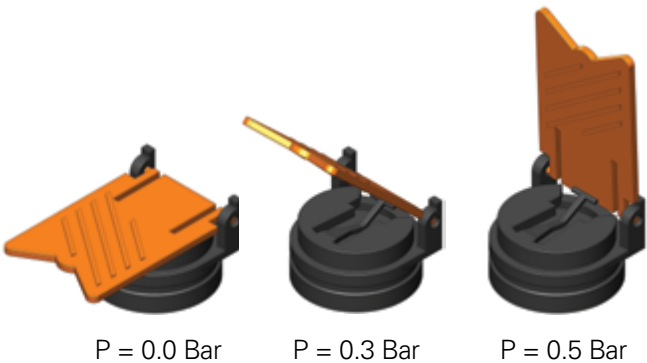
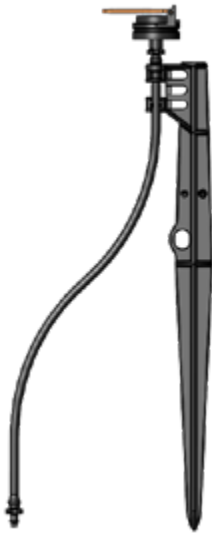
EASY-TO INSTALL VISUAL WATER-PRESSURE INDICATOR

OVERVIEW

Based on a simple design, our pressure indicator alert in-field workers regarding water pressure level changes that need to be addressed immediately.

FEATURES & BENEFITS

- Colored flag indicator for clear, long-distance visibility
- Real-time indicator mechanism for rapid control of dripperline pressure
- Simple design for easy installation and minimal maintenance



INSTALTATION STAGES

1. Insert the start connector
 2. Drive the stake into the ground
- No need for maintenance, adjustment or measurement

PRESSURE INDICATOR INCLUDE

- Body w/flag
- Microtube SPE 3x5 mm, 90 cm lengh
- Start connector
- Plastic stake (33 cm)

LOGISTIC INFORMATION

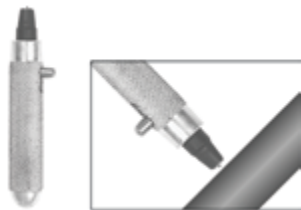
CATALOG NUMBER		UNITS	DIMENSIONS (CM)	WEIGHT (KG)
32000-002600	Box	50	32 x 29 x 49	5.10



PUNCHES

CATALOG. NO.	45000-001600	
PRODUCT	Punch 16 - 20 mm OD	
PRODUCT DESCRIPTION	This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe. Absolutely safe to use – the blade retracts fully after use to protect the worker. When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001615	
PRODUCT	Punch 25-32 mm OD	
PRODUCT DESCRIPTION	This model provides the easiest means of holding PE pipes for fitting drippers and/or accessories The hole is always in the center of the pipe and there is no danger of cutting through to the other side of the pipe. Absolutely safe to use – the blade retracts fully after use to protect the worker. When used with larger pipes, the slide adapter is easily removed and stored in the place provided for it.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001630	
PRODUCT	Multi diam punch	
PRODUCT DESCRIPTION	The spiral penetration of the blade into the pipe facilitates the operation, thus thousands of holes can be punched in a short time. By turning the button at the base of the tool, the size can be adjusted between 12mm to 32mm to accommodate the desired pipe.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001530	
PRODUCT	Mini punch	
PRODUCT DESCRIPTION	A small punch suitable for private garden owners	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001300	
PRODUCT	Plastic punch	
PRODUCT DESCRIPTION	A reliable and strong plastic punch designed with a comfortable grip handle Extra feature – a specially designed insertion adapter can be mounted onto this tool.	
HOLE	3 mm diam.	
CATALOG. NO.	45000-001320	
PRODUCT	Plastic punch + Inserter	
PRODUCT DESCRIPTION	A reliable and strong plastic punch designed with a comfortable grip handle Extra feature – a specially designed insertion adapter	
HOLE	3 mm diam.	

PUNCHES

CATALOG. NO.	45000-001000 3mm, 45000-001400 8mm	
PRODUCT	Metal punch	
PRODUCT DESCRIPTION	A reliable and strong metal punch	
HOLE	3 mm, 8mm diam.	

CATALOG. NO.	45000-001390	
PRODUCT	Andle tool for PCJ self piercing	
PRODUCT DESCRIPTION	A tool for inserting PCJ self piercing drippers	
HOLE	3 mm diam.	

INSERTION CONNECTORS

CATALOG. NO.	45000-002260	
PRODUCT	Insertion connector	
PRODUCT DESCRIPTION	A tool for inserting connector components into micro tubes . The ideal solution for inserting connector components, drippers or start connectors into 3*5 mm. micro tube . This tool is suitable for greenhouse and nursery installations, gardeners, garden owners, garden contractors and agriculturalists By turning the drum the correct hole for the connector can be aligned with the groove in the grips, the piping and connector are placed in position and by a swift squeeze of the handle the connector is pushed firmly into the piping.	
HOLE	3*5 mm. micro tube	
	For 4X6.5 micro tube use: 45000-002270	

DRIPPER INSERTION TOOL

CATALOG. NO.	45000-001380	
PRODUCT	PCJ dripper insertion tool	
PRODUCT DESCRIPTION	Auxiliary tool designed for insertion of PCJ drippers into distributor pipes with different diams in one act (no punching is required). There is no need for punching prior to insertion. Easy to operate and allows continuous work and multiple installations without blade replacement. The product is designed mainly to help farmer and/or installer with the installation of multiple drippers in greenhouses and/ or orchards.	
HOLE	Any distributor pipe diam. (16-20-25-32mm).	

MULTI-FUNCTIONAL TOOL

CATALOG. NO.	45000-001370	
PRODUCT	Multi-functional tool	
PRODUCT DESCRIPTION	The tool is small and compact, comfortable and easy to use, efficient, time saving and safe to operate. Punches 3 mm and 4 mm holes, cuts piping from 5 mm to 20 mm to required length, inserts drippers and sprinklers, inserts spaghetti piping with connector into the main pipe, inserts connector components and woodpecker plugs, and easily holds start connectors for inserting into a pipe.	
HOLE	3 and 4 mm. diam. (include 2 blades)	

LAYFLAT IN-FIELD START CONNECTOR TOOLS

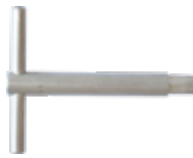
PUNCH

CATALOG. NO.	45000-001560	
PRODUCT	17 mm punch for Layflat start connectors	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the layflat hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	Layflat hose.	

SECURE TOOL

CATALOG. NO.	45000-003290	
PRODUCT	Hexagonal secure tool 3/8"	
PRODUCT DESCRIPTION	Hexagonal secure tool for layflat start connectors designed for 16-17 mm dripperlines	
HOLE	Layflat start connectors	

SECURE TOOL

CATALOG. NO.	45000-003280	
PRODUCT	Hexagonal secure tool 1/2"	
PRODUCT DESCRIPTION	Hexagonal secure tool 1/2" for layflat start connectors connectors designed for 20-22 mm dripperlines .	
HOLE	Layflat start connectors	

TIGHTENER

CATALOG. NO.	45000-003260	
PRODUCT	Tightener tool	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the layflat start connector properly.	
HOLE	Layflat start connectors	

FLEXNET™ IN-FIELD START CONNECTOR TOOLS

PUNCH

CATALOG. NO.	45000-001570	
PRODUCT	20 mm punch for FlexNet™ start connectors	
PRODUCT DESCRIPTION	This is a small efficient tool with a special geometrically constructed cutting blade that significantly facilitates the holing of the FlexNet™ hose. The tool is light weight, compact and strong, and easy to hold in the palm of the hand. The waste plastic does not fall into the hose and is discharged from the tool.	
HOLE	FlexNet™	

HEXAGONAL FASTENER

CATALOG. NO.	45000-003280	
PRODUCT	Hexagonal fastener tool 1/2"	
PRODUCT DESCRIPTION	Hexagonal fastener tool 1/2" for FlexNet™ start connectors.	
HOLE	FlexNet™ start connectors	

TIGHTENER

CATALOG. NO.	45000-001670	
PRODUCT	Tightener tool	
PRODUCT DESCRIPTION	A special tool to tighten the connector against the hexagonal tool will enable the installer to exert greater force while closing and thus assemble the FlexNet™ start connector properly.	
HOLE	FlexNet™ start connectors.	

