

THE RELIABLE SOURCE SINCE 1985



# VBEPROOF

# Prevent and avoid costly service calls with Magic Plastics' new Vibeproof<sup>™</sup> Locking Union Technology.

The Patent Pending design incorporates the use of a series of strategically placed Scallops on the Pump Union Nut and Tailpiece; hand tightening the nut will engage the lock, preventing the Union from loosening or backing out during vibration. The Vibeproof<sup>™</sup> locking feature is available in a variety of Magic Plastics' products including Pump Unions, Smart® Check Valves, Uni-Body Valves, Unions and High Heat Union Assemblies.

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#### "Smart" Check® Valves

The "Smart" Check<sup>®</sup> provides you with reliable back-flow prevention without the inline restriction of a conventional check valve. With the use of high powered magnets, the "Smart" Check valve remains in the closed position to 2 PSI, opening fully when 2 lb. line pressure is exceeded. The "Smart" Check has a Spring-Loaded gate mechanism allowing the valve to be installed in any orientation. The valve is also available in a non-magnetic,  $\frac{1}{2}$  lb. Spring-Loaded version.

Available in  $\frac{1}{2}$ " through 3" IPS sizes. The "Smart" Check Valves are rated at 150 PSI at 73°F. All "Smart" Check Valves are also available as a Swing-Check, without Spring. Minimum order quantities apply. Please contact the factory direct for details.



PART NUMBER	SIZE & DETAIL DESCRIPTION	SPRING TENSION	IPS SIZE	QTY CASE	WT CASE
0821-05	½″ Slip x Slip	½ lb.	1⁄2″	12	5
0821-05C	1⁄2" Slip x Slip Clear	½ lb.	1⁄2″	12	5
0826-05	1∕₂″ FIPT x FIPT	1∕₂ lb.	1⁄2″	12	5
0826-05C	1/2" FIPT x FIPT Clear	1∕₂ lb.	1⁄2″	12	5
0821-07	¾″ Slip x Slip	1∕₂ lb.	3⁄4″	12	5
0821-07C	¾″ Slip x Slip Clear	1∕₂ lb.	3⁄4″	12	5
0826-07	¾″ FIPT x FIPT	1∕₂ lb.	3⁄4″	12	5
0826-07C	34" FIPT x FIPT Clear	1∕₂ lb.	3⁄4″	12	5
0821-10	1″ Slip x Slip	1∕₂ lb.	1″	12	8
0821-10C	1" Slip x Slip Clear	1⁄2 lb.	1″	12	8
0821-15	11⁄2″ Slip x Slip	1⁄2 lb.	1 ½″	12	9
0821-15C	11/2" Slip x Slip Clear	1∕₂ lb.	1 ½″	12	9
0821-20	2″ Slip x Slip	1∕₂ lb.	2″	12	13
0821-20C	2" Slip x Slip Clear	1∕₂ lb.	2″	12	13
0821-20M	2" Slip x Slip w/Magnet	2 lb.	2″	12	14
0821-20MC	2" Slip x Slip w/Magnet Clear	2 lb.	2″	12	14
0821-30	3″ Slip x Slip	½ lb.	3″	8	22
0821-30C	3" Slip x Slip Clear	½ lb.	3″	8	22



0822-20	2" Spigot x Slip	½ lb.	2″	12	13
0822-20C	2" Spigot x Slip Clear	½ lb.	2″	12	13
0822-20M	2" Spigot x Slip w/Magnet	2 lb.	2″	12	14
0822-20MC	2" Spigot x Slip w/Magnet Clear	2 lb.	2″	12	14



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#### "Smart" Check® Valves







VIBEPROOF



PART NUMBER	SIZE & DETAIL DESCRIPTION	SPRING TENSION	IPS SIZE	QTY CASE	WT CASE
0823-10	1" Union x Union	½ lb.	1″	12	10
0823-10C	1" Union x Union Clear	½ lb.	1″	12	10
0823-12	114" Union x Union	½ lb.	1¼″	12	11
0823-12C	114" Union x Union Clear	½ lb.	1¼″	12	11
0823-15	11/2" Union x Union	½ lb.	1½″	12	13
0823-15C	11/2" Union x Union Clear	½ lb.	1½″	12	13
0823-20	2" Union x Union	½ lb.	2″	12	25
0823-20C	2" Union x Union Clear	½ lb.	2″	12	25
0823-20M	2" Union x Union w/Magnet	2 lb.	2″	12	26
0823-20MC	2" Union x Union w/Magnet Clear	2 lb.	2″	12	26
0824-20	2" Spigot x Union	½ lb.	2″	12	20
0824-20C	2" Spigot x Union Clear	½ lb.	2″	12	20
0824-20M	2" Spigot x Union w/Magnet	2 lb.	2″	12	21
0824-20MC	2" Spigot x Union w/Magnet Clear	2 lb.	2″	12	21
0825-15	11⁄2" Slip x Union	½ lb.	1½″	12	11
0825-15C	1½" Slip x Union Clear	½ lb.	1½″	12	11
0825-20	2" Slip x Union	½ lb.	2″	12	20
0825-20C	2" Slip x Union Clear	½ lb.	2″	12	20
0825-20M	2" Slip x Union w/Magnet	2 lb.	2″	12	21
0825-20MC	2" Slip x Union w/Magnet Clear	2 lb.	2″	12	21

#### **Retro "Smart" Check® Valves**

Switch out and upgrade old style restrictive Center-Poppet Spring or old style Swing Check Acme Threaded valves with Magic Plastics' Retro Replacement Smart Check<sup>®</sup> Valve Bodies. There is no longer a need to purchase the entire valve assembly and discard the Union Fittings. Magic's Retro is sold separately as a replacement body in  $1\frac{1}{2}$ " and 2" sizes. Most importantly, you get the same Full-Flow design as Magic Plastics' innovative and popular Smart Check<sup>®</sup> Valves. The light  $\frac{1}{2}$  lb. spring allows you to install the valve in any orientation while still achieving a 100% Full-Flow opening.



SIZE & DETAIL DESCRIPTION		IPS Size	QTY CASE	WT CASE
11/2" Union x 11/2" Union Retro Ck. Valve	½ lb.	1½″	12	10
11/2" Union x 11/2" Union Retro Ck. Valve Clear	½ lb.	1½″	12	10
2" Union x 2" Union Retro Check Valve	½ lb.	2″	12	14
2" Union x 2" Union Retro Ck. Valve Clear	½ lb.	2″	12	14
	1½" Union x 1½" Union Retro Ck. Valve   1½" Union x 1½" Union Retro Ck. Valve Clear	DESCRIPTIONTENSION1½" Union x 1½" Union Retro Ck. Valve½ lb.1½" Union x 1½" Union Retro Ck. Valve Clear½ lb.2" Union x 2" Union Retro Check Valve½ lb.	DESCRIPTIONTENSIONSIZE1½" Union x 1½" Union Retro Ck. Valve½ lb.1½"1½" Union x 1½" Union Retro Ck. Valve Clear½ lb.1½"2" Union x 2" Union Retro Check Valve½ lb.2"	DESCRIPTIONTENSIONSIZECASE1½" Union x 1½" Union Retro Ck. Valve½ lb.1½"121½" Union x 1½" Union Retro Ck. Valve Clear½ lb.1½"122" Union x 2" Union Retro Check Valve½ lb.2"12

Unions not included.



### Metric "Smart" Check® Valves

<b>WIBE PROOF</b>	PART NUMBER	SIZE & DETAIL DESCRIPTION	SPRING TENSION	IPS SIZE	QTY CASE	WT CASE
7	M823-15	50MM Union x Union	½ lb.	50mm	12	13
1	M823-15C	50MM Union x Union Clear	½ lb.	50mm	12	13
	M823-20	63MM Union x Union	½ lb.	63mm	12	25
	M823-20C	63MM Union x Union Clear	½ lb.	63mm	12	25

#### **Hose Clamp Check Valves**

Simplify your installation with Magic Plastics' Hose Clamp Check Valves. There is no need to solvent weld, just secure the Hose Clamps with a screwdriver. The innovative design of the Smart Check<sup>®</sup> Valve will eliminate water hammer noise and also allows you to install the valve in any orientation. This is the perfect valve for DIYs! All materials used to manufacture the valves meet ASTM standards. Available in  $1\frac{1}{2}$ " and 2" sizes in White and Clear PVC.

PART NUMBER	SIZE & DETAIL DESCRIPTION	SPRING TENSION	IPS SIZE	QTY CASE	WT CASE
0821-15H	$1 \ensuremath{\sc 2}^{\prime\prime}$ Slip x $1 \ensuremath{\sc 2}^{\prime\prime}$ Slip Hose Clamp Check Valve	½ lb.	1½″	12	14
0821-15HC	11/2" Slip x 11/2" Slip Hose Clamp Ck. Valve Clear	∙ ½ lb.	1½″	12	14
0821-20H	2" Slip x 2" Slip Hose Clamp Check Valve	½ lb.	2″	12	26
0821-20HC	2" Slip x 2" Slip Hose Clamp Ck. Valve Clear	½ lb.	2″	12	26

#### Slide-Check & Ball-Check Combo Valves

Magic Plastics' compact Slide-Check and Ball-Check Combo Valves combine the Valve and a "Smart" Check Valve in the same unit; saving you both excess time and labor during installation. The design of the "Smart" Check Valve will eliminate water hammer noise while also providing you with the luxury of installing the valve in either orientation, horizontally or vertically. Easy connection Buttress Thread Unions allow for cleaning of both valves when necessary. Slide-Check Combo Valves come equipped with the MagicSnap External Valve Lock to prevent accidental closure. All Slide-Check and Ball-Check Combo Valves are made from PVC and meet ASTM standards. Available in  $1\frac{1}{2}$ " and 2" Slip configurations.

<b>WIBE PROOF</b>		PART NUMBER	SIZE & DETAIL DESCRIPTION	QTY CASE	WT CASE
		0850-15	11/2" Slip x Slip Slide-Check Combo Valve	12	24
		0850-15C	11/2" Slip x Slip Slide-Check Combo Valve Clear	12	24
		0850-20	2" Slip x Slip Slide-Check Combo Valve	12	36
	5	0850-20C	2" Slip x Slip Slide-Check Combo Valve Clear	12	36
		0860-15	11/2" Slip x Slip Ball-Check Combo Valve	12	28
		0860-15C	$1\frac{1}{2}$ Slip x Slip Ball-Check Combo Valve Clear	12	28
	1	0860-20	2" Slip x Slip Ball-Check Combo Valve	12	42
Slide-Check	Ball-Check	0860-20C	2" Slip x Slip Ball-Check Combo Valve Clear	12	42



### "CR2®" Corrosion Resistant Check Valves

The "CR2<sup>®</sup>" Back-Flow prevention check valve is completely corrosion resistant, making it the ultimate solution for protecting your expensive Heat Exchangers from the potential damage of inline Chlorinators while also maintaining a Full-Flow circulation system. Numerous features are included with the "CR2<sup>®</sup>" Valve including a proprietary designed Hastelloy<sup>®</sup> Spring, Glass-Filled Noryl injection molded shaft, 100% Silicone Gasket and a Clear, serviceable lid. The "CR2<sup>®</sup>" Valve is also equipped with a <sup>1</sup>/<sub>2</sub> lb. spring-loaded gate, allowing it to be installed in any orientation. The "CR2<sup>®</sup>" valve is available in 1<sup>1</sup>/<sub>2</sub>" Slip, 2" Slip and 2<sup>1</sup>/<sub>2</sub>" Spigot. Economy version without Hastelloy<sup>®</sup> Spring available.



PART NUMBER	PART DESCRIPTION	IPS SIZE	QTY CASE	WT CASE
CR2 <sup>®</sup> Valve				
0801-20H2	CPVC	2″	12	14

#### **Economy Valve**

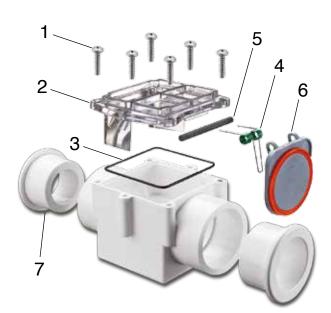
0801-20	ECONOMY	2″	12	14

0801-20 Not Equipped with Hastelloy® Spring

PART NUMBER	SIZE & DETAIL DESCRIPTION	QTY CASE
0060104028	Adapter, 2" Spigot x 11/2" Slip White	24
0061304028	Adapter, 2" Spigot x 11/2" Slip Black	24

\*11/2" Bushings Sold Separately.

## **Check Valve Replacement Components**



ID	PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
1	0403-006-6	#14 x 1 <sup>"</sup> Phillips Pan Head Stainless Metal Screw	6
2	0191401020	Lid, 2 <sup>"</sup> Swing-Spring Check Valve	1
3	0301-154	O-Ring, 2 <sup>"</sup> Swing-Spring Check Valve	1
4	0405-001	Spring, 2 <sup>"</sup> Swing-Spring Check Valve	1
4	0405-001-H	Hastelloy Spring	1
5	0401-005P	Shaft, 2 <sup>"</sup> Swing-Spring Check Valve	1
6	0081201020	Gate Assembly, 2 <sup>"</sup> Swing- Spring Check Valve	1
7	0060104028	Adapter, 2″ Spigot x 1½″ Slip White	1
7	0061304028	Adapter, 2″ Spigot x 1½″ Slip Black	1
RK	0801-20H-RK	Replacement Kit, Check Valve Contains ID# 2, 3, 4(H), 5 & 6	1



## **Utility Molded-In-Place Ball Valves**

Specifically designed for Residential, Commercial and Industrial applications, the Magic MIP Ball Valves are equipped with EPDM Seats and O-Rings, providing smooth operation and excellent chemical resistance. All Valves comply with ASTM 2467 Standards and operate at a working pressure of 150 PSI at 73°F. Magic MIP Ball Valves are available in  $\frac{1}{2}$ " through 3" Slip x Slip configurations.

Threaded configurations and larger sizes (4", 6" and 8") are available upon request. Minimum order quantities apply. Please contact the factory direct for details.



PART NUMBER	SIZE & DETAIL DESCRIPTION	QTY CASE	WT CASE
0250-05	1⁄2" Slip x Slip Ball Valve	36	6
0250-07	<sup>3</sup> 4" Slip x Slip Ball Valve	18	5
0250-10	1" Slip x Slip Ball Valve	25	11
0250-15	11/2" Slip x Slip Ball Valve	12	12
0250-20	2" Slip x Slip Ball Valve	8	11
0250-25	21/2" Slip x Slip Ball Valve	6	25
0250-30	3" Slip x Slip Ball Valve	6	26

## **Uni-Body Valves**

The innovative patented design of the Magic Uni-Body valve was engineered for use in a wide variety of industries and applications. The built in Snap-Lock guarantees zero flow restriction during operation while the Cam-Lock function provides a 100% positive seal when shutoff is required. We have also added a specially formulated dry lubricant to our Seals and then overmold them directly to the valve gate, eliminating the need to repair or replace the gate seals. The Magic Uni-Body valve is available in a variety of configurations in 1",  $1\frac{1}{2}$ ", 2" and  $2\frac{1}{2}$ " IPS sizes.

	PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ Master		PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
	Slip×Slip					Slip Union	×Slip U	nion	
	0401-10	1″	14/56	8/34		0501-15	1½″	6/24	7/28
	0401-15	1½″	14/56	9/36		0501-20	2″	6/24	10/41
	0401-20	2″	12/48	10/41					
	0401-25	2½″	5/20	8/33	Elan N.	)			
>					VIBE	PROOF			



## **Uni-Body Valves**



PART NUMBER Slip×Spige	IPS SIZE Ot	QTY CASE/ MASTER	WT CASE/ Master
0412-15	1½″	14/56	8/33
0412-20	2″	12/48	10/39
0412-25	2½″	5/20	8/30



0402-15	1½″	14/56	7/30
0402-20	2″	12/48	9/37
0402-25	21⁄2″	5/20	8/30





	PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
\$	Slip×MIPT			
-	0413-15	1½″	14/56	9/36
/				

#### Spigot×FIPT

0424-15 1	<sup>2″</sup> 14/56	8/32
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#### **MIPT×MIPT**

0403-15	1½″	14/56	9/35
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#### Slip×Union

	0516-15	1½″	10/40	9/36
	0516-20	2″	10/40	12/49
~	0516-25	2½″	5/20	10/40
1				

**VIBEPROOF** 

#### Spigot×Slip Union

	0517-15	1½″	10/40	8/31
	0517-20	2″	10/40	12/49
	0517-25	2½″	5/20	10/39
100				

**MBEPROOF** 

#### **Slip**×**FIPT**



0414-15	1½″	14/56	9/36

0403-15	1½″	14/56	

#### **MIPT×FIPT**

0434-15	1½″	14/56	9/35
B434-15	1½″	14/56	9/35

B434-15=BLACK



#### **Uni-Body Valves**



PART NUMBER	IPS SIZE el FBT	QTY CASE/ Master	WT CASE/ Master
0550-15	1½″	10/40	10/40
0550-20	2″	10/40	13/50

VIBEPROOF

	PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
	Slip Union	×MIPT		
1-1-5	0435-15	1½″	10/40	8/31
	VIB PROOF			



Pool	Hose×MIPT	

0423-15	1½″	14/56	8/32
B423-15	1½″	14/56	8/32
B423-15=BL	ACK		

Slip×MBT w/Washer Ring 0556-20 2″ 12/48 11/38 Equipped with washer ring only.

## **Metric Uni-Body Valves**

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PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
Slip×Slip			
M401-15	50MM	14/56	9/36
M401-20	63MM	12/48	10/41

Minimum order 500. This is not a stock item.

## 90° On/Off Valve

Magic Plastics' 90° On-Off Valve is the perfect valve for spa side operation of waterfalls, neck jets or just about any other water feature in the spa. Unlike other valves of this type, Magic's 90° On-Off valve is Full-Flow and requires only 3 full turns to open or close the valve.



0230-10	1″	48/96	20/40

Custom cap colors and designs available. Contact factory for details and minimum order requirements.



#### **External Valve Locks**

All of Magic Plastics' Uni-Body Valves are equipped with an internal patented Snap-Lock open feature. Three-Piece valves do not have this option. Magic Plastics' External Valve Locks prevent accidental closure of the Three-Piece valve and provides additional security for the Uni-Body valves. All External Valve Locks come packaged in bags of 24 and are available in  $1\frac{1}{2}$ ", 2" and  $2\frac{1}{2}$ ".



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0305-15	11/2" MagicSnap External Valve Lock	24
0305-20	2" MagicSnap External Valve Lock	24
0305-25	21/2" MagicSnap External Valve Lock	24

(Please note that all Uni-Body Valves are equipped with a patented internal snap-lock to prevent accidental closure.)

#### **Spa Drain Valves**

Simplify your servicing needs with Magic Plastics' patented Drain Valve. Manufactured from impact modified ABS and equipped with a total of 5 Teflon Impregnated O-Rings, the Magic Drain Valve is accessible to the consumer and simple to use. Designed for Skirt or Kick-Plate installations, the Drain Valve is flush mounted to the wall and secured in the closed position.

To operate, pull the spout out, leaving the exterior end cap on. Once extracted, by design, the Drain Valve will stay in the closed position. After the garden hose is installed, push the spout back in halfway to actuate the drain. The valve is also equipped with a removable bezel in order for the skirt to be detached without disturbing the plumbing. The Magic Drain Valve also has built in freeze protection and will drain approximately 5 gallons per minute. Available in 1/2" Slip, 3/4" Barb or 3/4" Spigot configurations. For detailed illustrated instructions, visit our download center at www.magicplastics.com.



PART NUMBER	SIZE & DETAIL DESCRIPTION	QTY CASE
0455-05	1/2" Slip Spa Drain Valve	54
0456-05	¾" Barbed Spa Drain Valve	54
0457-05	34" Spigot Spa Drain Valve	54



# VALVES • MAGICVAC

#### **Compact Air Check Valves**

Magic Plastics' redesigned Compact Air Check Valve is ideal for all Spa, Jetted Tub and Pool applications. The Air Check Valve is equipped with a light  $\frac{1}{4}$  lb. Stainless Steel Spring and a 100% Silicone Seal. The true compact design will save valuable space, especially where two valves are required in tandem. The redesigned internal components improve flow and reduce restriction, providing a quiet and smooth operation, virtually eliminating possible valve chatter during shutdown. Available in  $1\frac{1}{2}$ " Slip - 2" Spigot in PVC and Polycarbonate Clear for higher heat applications and improved clarity.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0830-15	11/2" Slip x 2" Spigot 1/4 lb. Compact Air Check Valve	45
0830-15C	11/2" Slip x 2" Spigot 1/4 lb. Compact Air Check Valve (Clear PC)	45

## MagicVac

The MagicVac is operated by placing your thumb over the ergonomic air hole located at the top of the Vac, submerging it near the area to be cleaned, then releasing your thumb. A rush of water and debris will fill the clear, UV stabilized chamber. Raise the full chamber above the water line and allow it to drain, away from the spa. Virtually all debris will remain trapped in the built in removable filter. Detach the End Cap with a simple quarter turn and empty the debris. The MagicVac picks up sand, pebbles, even small rocks. You will be able to reach areas in excess of seven feet away with the telescoping aluminum pole. The MagicVac is completely serviceable and weighs less than two pounds.



PART NUMBER	SIZE & DETAIL DESCRIPTION	QTY CASE
0690-1GEN	MagicVac, Individual Box	1
0690-12GEN	MagicVac, 12-Pack Individually Packaged	1



## 90° SWEEPS • SPA COMPONENTS & WHITE GOODS

#### 90° Sweeps

Magic Plastics' Sweep 90° Fittings and assemblies are designed to maximize flow and minimize restriction. Available in a variety of configurations in 2" IPS sizes, Magic's Sweep 90°'s will provide you with the best performance in the industry while meeting all of your plumbing requirements. All 90° Sweeps are manufactured from quality PVC.



## **Spa Components & White Goods**

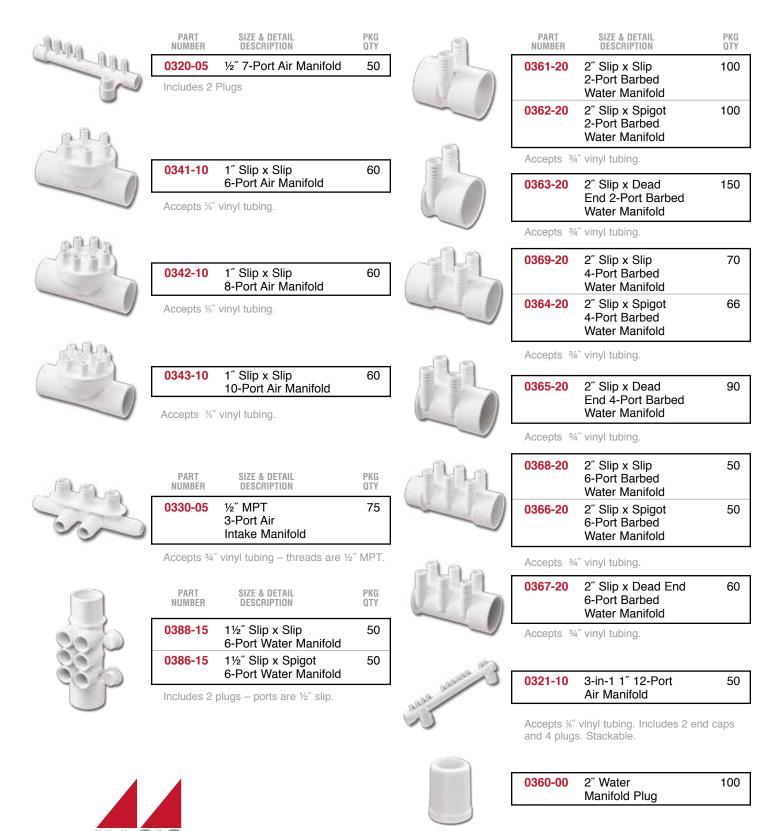
Magic Plastics continues to expand our line of Spa Components. Contact the factory if you require an item or configuration that is not listed below or in our catalog of products. Magic Plastics is continually growing our line of products and will consider your product or component based on volume.



# MANIFOLDS

## Manifolds

Easily fabricate custom stack lengths with our complete line of Water and Air Manifolds. Precision barb fittings assure a permanent seal. The compact designs of our Manifolds are ideal for space limitations. All Manifolds utilize standard Clear Vinyl Tubing. Custom configurations are available, contact the factory for details.



## **Magicmend® Pipe Extenders**

Save valuable fittings and time with the MagicMend<sup>®</sup> Pipe Extenders. The MagicMend<sup>®</sup> is extremely effective and easy to use. Simply cut the defective fitting from the system, remove it and install the Extender. The MagicMend<sup>®</sup> will work at any glued plumbing joint, providing a permanent, invisible repair with insignificant flow restriction. The MagicMend<sup>®</sup> is available in  $\frac{1}{2}$ " through 4" IPS sizes for Schedule 40 Pipe and 1",  $\frac{1}{4}$ ",  $\frac{1}{2}$ " and 2" sizes for Class 200 Pipe.

PART NUMBER	IPS SIZE	QTY CASE	WT CASE
Magicmend <sup>®</sup> Pipe Extenders	s - Schedule 40		
0301-05	1⁄2″	48	2
0301-07	3⁄4″	48	2
0301-10	1″	48	3
0301-12	11⁄4″	48	5
0301-15	1½″	48	5
0301-20	2″	48	8
0301-25	2½″	48	18
0301-30	3″	48	22
0301-40	4″	48	36

Slips inside Schedule 40 pipe.

PART NUMBER	IPS SIZE	QTY CASE	WT CASE
agicmend <sup>®</sup> Pipe Extenders	- Class 200		
0304-10	1″	48	3
0304-12	1¼″	48	5
0304-15	1½″	48	5
	2″	48	8

Slips inside Class 200 pipe.

## **Magicmend® Extender Fittings**

The MagicMend<sup>®</sup> Extender Fitting is designed to glue over fittings where there is not a sufficient amount of pipe left for a connection. Simply remove any excess pipe and connect the MagicMend<sup>®</sup> by gluing over the existing fitting. The opposite end of both the 1  $\frac{1}{2}$ " and 2" Extender Fitting will accept either 1  $\frac{1}{2}$ " pipe or a 2" fitting so you have the option of continuing the plumbing with either pipe size. The MagicMend<sup>®</sup> Extender Fittings are available in 1  $\frac{1}{2}$ " and 2" IPS sizes.

PART NUMBER Magicmend <sup>®</sup> Extender Fittings	IPS SIZE	QTY CASE	WT CASE
0303-15	1½″	48	11
0303-20	2″	48	15

Fits over 1<sup>1/2"</sup> or 2" fittings.







# **REPAIR FITTINGS • ADAPTERS**

## **Magicmend® Insider Connectors**

Why use an additional fitting when you can use a MagicMend<sup>®</sup> Insider Connector? The MagicMend<sup>®</sup> Insider Connector will join two pieces of PVC Schedule 40 pipe together. Should a pipe be cut off flush with concrete or buried underground, a MagicMend<sup>®</sup> will easily solve the problem. The MagicMend<sup>®</sup> Insider Connectors are available in 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ", 2", 3" and 4" IPS sizes.



PART NUMBER	IPS SIZE	QTY CASE	WT CASE
lagicmend <sup>®</sup> Insider Connectors			
0302-10	1″	48	3
0302-12	11⁄4″	48	5
0302-15	1½″	48	6
0302-20	2″	48	9
0302-30	3″	48	20
0302-40	4″	48	34

Connects Schedule 40 pipe

#### **Copper-To-PVC Adapters**

This is the ideal fitting for an easy and smooth transition from Copper to PVC pipe. Fittings are assembled with Buna-70 O-Rings that provide a positive water tight seal and also an internal Stainless Steel gripper ring to prevent the pipe from pulling out, ensuring a solid connection. Available in  $1\frac{1}{2}$ " and 2" IPS sizes.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY	WT
0606-15	11/2" Slip - 2" Spigot Copper-to-PVC Adapter	24	13
0606-20	2" Slip Copper-to-PVC Adapter	18	11

## **Heater-Pump Adapters**

Magic's Adapter Bushings are designed to increase a  $1\frac{1}{2}$ " MBT fitting to a 2" MBT fitting simply by threading the adapter to the female threaded fitting. The internal thread of the bushing is  $1\frac{1}{2}$ " FBT with an O-ring (included), ensuring a positive seal. The external thread is 2" FBT. You can choose from two configurations, one with O-ring groove for Heater applications and one without O-ring groove for Pump Union applications. Adapters are manufactured from quality PVC.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY	WT
0060150019	Adapter, 11/2" FBT x 2" MBT w/O-Ring Groove	228	48
0060151019	Adapter, 11/2"FBT x 2" MBT	228	49



# UNION ASSEMBLIES

#### **Union Assemblies**

Easy Connection Buttress Threads and deep socket connections with glue traps make the Magic Union Assemblies reliable and leak free. In addition, Magic Plastics' Unions are also equipped with our Pat. Pending Vibeproof<sup>®</sup> Technology. Magic Union Assemblies are available in a variety of configurations in  $1\frac{1}{2}$ , 2<sup>"</sup> and  $2\frac{1}{2}$ " IPS sizes.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0602-15	11/2" Pump Union Half	115
0602-20	2" Pump Union Half	72
0602-25	2½" Pump Union Half	50

0604-20	2" 45° Spigot Union Half	50
0605-20	2″ 45° Slip Union Half	50





0611-15	11/2" Slip Heater Union Half w/Split Nut	50
0611-18	11/2" Slip-2" Spigot Heater Union Half w/Split Nut	50
0611-20	2" Slip Heater Union Half w/Split Nut	50

0650-15	11/2" Slip x Slip Self-Aligning Union Assembly	50
0650-18	2" Slip x 11/2" Slip-2" Spigot Self-Aligning Union Assembly	25
0650-20	2" Slip x Slip Self-Aligning Union Assembly	25

## **High Heat Union Assemblies**

Magic Plastics' Self-Sealing High-Heat Unions prevent plumbing failures due to extreme heat buildup caused by the Pump running dry. Made from durable GFN3, the High-Heat Unions include a positive O-Ring seal, eliminating the need for additional thread sealants. The Unions also incorporate Magic Plastics' Pat. Pending Vibeproof<sup>®</sup> Technology. Available in 1 <sup>1</sup>/<sub>2</sub>" and 2" IPS sizes and rated at 175 PSI @ 75°F.



# **UNION ASSEMBLIES • UNION COMPONENTS**

### **High Heat Union Assemblies**

#### **WBEPROOF**



1	PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
/	0615-20S	2" MIP x 2" Slip Sweep High-Heat Union Assembly	25

#### **Union Components**

All Magic Plastics Union Components are manufactured from quality PVC or ABS. Magic Union Components come bulk packaged and are available in  $1\frac{1}{2}$ ", 2" and  $2\frac{1}{2}$ " IPS sizes.

**SIZE & DETAIL DESCRIPTION** 

11/2" FBT Union Nut

2" FBT Union Nut

21/2" FBT Union Nut

PART NUMBER

0120103015

0120103020

0120103025

0121109025





0121109015	11/2" FBT Repair Split Nut Set w/Screws	125
0121109020	2" FBT Repair Split Nut Set w/Screws	100

21/2" FBT Repair Split Nut Set w/Screws



0050103015	11/2" Slip Tailpiece with O-Ring Groove	184
0050103020	2" Slip Tailpiece with O-Ring Groove	112
0050103025	21/2" Slip Tailpiece with O-Ring Groove	100



0050104020	2" 45° Spigot Tailpiece with O-Ring Groove	100
0050104520	2" 45° Slip Tailpiece with O-Ring Groove	100



0050105015	11/2" MBT x 11/2" Slip Tailpiece	100
0050105018	2" MBT x 11/2" Slip-2" Spigot Tailpiece	100
0050105020	2" MBT x 2" Slip Tailpiece	100

All Union Components Utilize O-Rings:  $1\frac{1}{2}$  - 225 2" - 230  $2\frac{1}{2}$  - 234 MBT = Male Buttress Threads

FBT = Female Buttress Threads



PKG QTY

135

90

50

74

# **SNAP NUTS • UNION COMPONENTS**

## **Snap Nuts**

Magic Plastics' Snap Nut is uniquely designed to be used on SS heater housings as an alternative to a Split Nut. The Snap Nut eliminates the need for additional hardware, allowing for installation in a fraction of the time. No tools are required! The Snap Nut is manufactured from quality ABS and is available in  $1\frac{1}{2}$ " and 2 sizes.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
C015C	11⁄2″ Snap Nut Clip	350
C015N	11⁄2″ Snap Nut	100
C020C	2″ Snap Nut Clip	350
C020N	2″ Snap Nut	100

Clip and Nut must be purchased as a set.

## **Heater Union Components**

All Magic Plastics Heater Union Components are manufactured from quality PVC or ABS. Magic Heater Union Components are bulk packaged and are available in  $1\frac{1}{2}$ " MBT and 2" MBT with  $\frac{1}{2}$ " through 2" Slip ends and glue wells. Our Washer Rings are recommended for all Magic Heater Union Components and are sold separately.











PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0050106007	11/2" MBT x 3/4" Slip-1" Spigot Tailpiece with O-Ring Groove	100
0050106010	11/2" MBT x 1" Slip Tailpiece with O-Ring Groove	100

0050106007-OF	11/2" MBT x 34" Slip-1" Spigot Tailpiece with O-Ring Groove (O	ffset) 100
0050106010-OF	11/2" MBT x 1" Slip Tailpiece with O-Ring Groove (Offset)	100

0050106012	11/2" MBT x 11/4" Slip Tailpiece with O-Ring Groove	100
0050106015	11/2" MBT x 11/2" Slip Tailpiece with O-Ring Groove	100
0050106015-SH	1½" MBT x 1½" Slip Tailpiece with O-Ring Groove (Short)	100

0050107018	2" MBT x 11/2" Slip-2" Spigot Tailpiece with O-Ring Groove	100
0050107020	2" MBT x 2" Slip Tailpiece with O-Ring Groove	100
0050107020-SH	2" MBT x 2" Slip Tailpiece with O-Ring Groove (Short)	270

0121108015 11/2" FBT Heater Split Nut Set w/Screws		125
0121108020	2" FBT Heater Split Nut Set w/Screws	100
0121108025	21/2" FBT Heater Split Nut Set w/Screws	74
-		

All Heater Union Components Utilize Washer Rings. 11/2" MBT - 224 WR 2" MBT - 229 WR MBT = Male Buttress Threads FBT = Female Buttress Threads



# **THREE PIECE VALVES • TANK ADAPTER VALVES**

### **Three Piece Valves**

The Three-Piece Valve design can be easily disassembled, allowing you to clean and service the valve. The easy push-pull slide and 100% positive seal is ideal for a number of applications. Magic Three-Piece valves are available in a variety of configurations in both  $1\frac{1}{2}$  and 2" IPS sizes.

	PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ Master
20	Slip×Slip			
	0101-15	1½″	12/48	10/42
	0101-20	2″	12/48	13/50
( u )				

PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
Slip×Spig	ot		
0112-15	1½″	12/48	10/40
0112-20	2″	12/48	12/48

Spigot×	Spigot
---------	--------

[	0102-15	1½″	12/48	10/38
	0102-20	2″	12/48	12/47

## **Tank Adapter Valves**

B416-15

Magic Plastics' Tank Adapter valves were designed specifically for bulkhead applications. Both standard and Low Profile designs are available in the popular Uni-Body style as well as the serviceable Three-Piece design. 11/2" size, white or black.



Slip×Tank	∆dapte	r Uni-Boo	łv
PART	IPS	QTY CASE/	WT CASE/
NUMBER	SIZE	MASTER	MASTER

10/40

9/40

	Adaptor		a y
0416-15	1½″	10/40	9/40

11/2"

B416-15=BLACK

	r	7	٢	0
				1
	60			5
6			14	5

PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
Slip×Tank /	Adapte	er	
0116-15	1½″	10/40	11/43
0116 15L D	<b>1</b> 1/."	10/40	10/41

0116-15LP	1½″	10/40	10/41
B116-15	1½″	10/40	11/43
B116-15LP	1½″	10/40	10/41

B116-15 = Black 0116-15LP = Low Profile



## **Specialty Products**



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
<b>0203-004</b> 2	" Plug and Seal Ring - EPDM Seal	1



0621-30	3" Male Closet Flange	



	0622-30	3" Female Closet Flange	70
_			



0610-20 2<sup>"</sup> 45° Drain Outlet Adapter



1

90

# HOSE BIBBS • PVC UNIONS

#### **Hose Bibbs**

Magic Plastics' Hose Bibbs are manufactured from quality PVC and are completely serviceable. Designed for use for temperatures up to 120° F at 150 PSI. Pipe and Hose Threads comply with ASTM standards. Available in  $\frac{1}{2}$ " and  $\frac{3}{4}$ ".



PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER
PVC Hose Bibbs			
0203-05	1⁄2″	48/192	8/35
0203-07	3⁄4″	48/192	8/36

## **PVC Industrial Unions**

All industrial unions are equipped with ACME threads and EPDM O-Rings. Available in  $\frac{1}{2}$ " through 4" IPS sizes. 6" and 8" available, please contact the factory direct for pricing and lead-times.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
10650-05	1/2" Union Assembly	48
10650-07	34" Union Assembly	48
10650-10	1" Union Assembly	48
10650-15	11/2" Union Assembly	48
10650-20	2" Union Assembly	24
10650-25	21⁄2" Union Assembly	12
10650-30	3" Union Assembly	12
10650-40	4" Union Assembly	8



## **Expandable Repair Couplings**

The Slip x Spigot design of the couplings allows for a quick, simple and permanent solution to repair broken pipes. You can also use the Expandable Coupling for a union in piping installations. The double O-Ring seal design provides added leak protection against pipe deflection and also insures smooth movement during installation. Expandable Repair Couplings are made from quality PVC and are available in  $\frac{1}{2}$ " through 4" IPS sizes. 6" and 8" available, please contact the factory direct for pricing and lead-times.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0620-05	1/2" Expansion Coupling	48
0620-07	¾″ Expansion Coupling	48
0620-10	1" Expansion Coupling	48
0620-15	11/2" Expansion Coupling	24
0620-20	2" Expansion Coupling	24
0620-30	3" Expansion Coupling	12
0620-40	4" Expansion Coupling	6

## **Compression Couplings**

Our general use Compression Couplings are ideal for both repairs and installations. Santoprene gaskets provide a 100% maintenance-free seal. This is the perfect fitting for emergency situations, no solvent required. Compression Couplings are made from quality PVC and are available in  $\frac{1}{2}$ " through 4" IPS sizes. 6" and 8" available, please contact the factory direct for pricing and lead-times.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0630-05	1/2" Compression Coupling	48
0630-07	3/4" Compression Coupling	48
0630-10	1" Compression Coupling	48
0630-15	11/2" Compression Coupling	24
0630-20	2" Compression Coupling	24
0630-30	3" Compression Coupling	12
0630-40	4" Compression Coupling	6



# **O-RINGS • WASHER RINGS • MAGIC WRENCH**

## **O-Rings**

All O-Rings are manufactured from Buna-70. Magic Plastics O-Rings fit the products listed in our catalog. Other suppliers may have variant O-Ring dimensions and specifications. Other materials are available upon request. Please contact the factory for details.



PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0301-225-12	Kit, O-Ring 11/2" Union	12
0301-229-12	Kit, O-Ring 2" I.B.C. Valve	12
0301-230-12	Kit, O-Ring 2" Union	12
0301-234-12	Kit, O-Ring 21/2" Union	12
0301-223-12	Kit, O-Ring 11/2" Copper to PVC Adapter	12
0301-227-12	Kit, O-Ring 2" Copper to PVC Adapter	12

## **Washer Rings**

Magic Plastics Washer Rings are specifically designed to fit the Unions and Heater Union components and assemblies listed in our catalog.

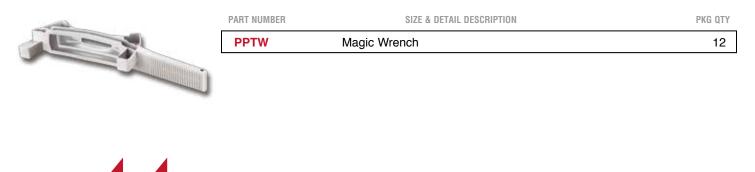


PART NUMBER	SIZE & DETAIL DESCRIPTION	PKG QTY
0301-224W-12	Kit, Washer Ring 11/2" Union	12
0301-229W-12	Kit, Washer Ring 2" Union	12
0302-020B-12	Kit, Washer Ring 2" Slip x MBT Valve	12

## **Magic Wrench**

The new Magic Wrench removes 9 different pump lids and numerous equipment lids. Don't risk damaging your pump lid by using hammers and 2 x 4's, safely remove your pump lids with the Magic Wrench. Manufactured from super-tough Glass Filled Nylon, the Magic Wrench is the perfect tool to carry with you on service calls.

To see the Magic Wrench in action, visit our download center at www.magicplastics.com.



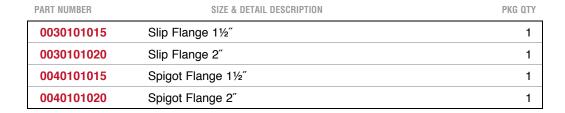


# **REPLACEMENT COMPONENTS**

## **Replacement Components**







0603-15	11/2" Valve Body with Handle	1
0603-20	2" Valve Body with Handle	1



0090101000	Handle 11/2" & 2" (For Three-Piece Valve)	1
0090102000	Handle 11/2" & 2" Uni-Body	1
0090102025	Handle 2½″ Uni-Body	1



0080301015-12	Kit, Seals 11/2" Valve	12
0080301020-12	Kit, Seals 2" Valve	12

ALL OF	
9	A.
9	



0402-001-12	Kit, Nut with Nylon Insert 10-24	12
0403-001-12	Kit, Screw Hex with Washer 10-24 x 13/8"	12

0120102015	Nut 11/2" MSPT with Flange White	1
0120502000	Nut 11/2" MSPT with Flange Black	1
0302-002-12	Kit, Flat Washer 11/2" Bulkhead Fitting	12



# I.B.C. PRODUCTS

#### **I.B.C. Products**

A number of products are available for this growing industry. The durable Uni-Body valve attaches to the I.B.C. liner by way of a union-like Buttress threaded Flange. A probe cutter allows the valve to be attached securely to the liner in any position, providing a positive seal connection before the liner membrane is pierced for evacuation. The I.B.C. Valve and Flanges are available in a variety of configurations. In addition, the Flanges are available in both PVC and LLDPE materials.



PART NUMBER	IPS SIZE	QTY CASE/ MASTER	WT CASE/ MASTER	
IBC Valve				
0504-20	2″	10/40	11/44	[
Standard				

Buttress Plug	PART	IPS	QTY CASE/	WT CASE
	NUMBER	SIZE	MASTER	MASTER
U/U3-2U 2 125/500 16/65	Buttress Pl	<b>ug</b> 2″	125/500	16/65



#### **FIPT×FIPT Valve**

0404-20	2″	12/48	9/37

#### Nut & Flange Assembly

0706-20	2″	108	34
0708-20	2″	108	39
0709-20	2″	108	39

(For Standard IBC Valve) 0706-20=LLDPE 0708-20=PVC 0709-20=SANTOPRENE

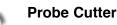


#### MBT×MIPT/FIPT Valve

0520-20	2″	10/40	11/44

#### **FIPT Threaded Flange**

0705-20	2″	144
0707-20	2″	144
0705-20=LLDPE 0707-20=PVC		



#### FBT Threaded Flange

SPECIAL

108

108







23 29

23

30

#### WARRANTY

WARRANTY FOR STANDARD PRODUCTS- Seller warrants all Seller products to be free from defects in materials and workmanship in normal use for a period of one (1) year from the date of invoice. If Customer receives defective goods or parts, Customer may send such defective goods or parts prepaid to Seller in Valencia, California accompanied by a letter stating the nature of the defect. After examination, if there is determined to be a defect in materials or workmanship, Seller shall, at its sole option and discretion, rework, repair or replace the defective goods or parts, or reimburse Customer for the cost of the goods or parts. All shipping costs for return of defective goods and replacements are the responsibility of Customer. Customer agrees that Seller will not be held responsible for parts or labor (other than Seller's parts and labor) in connection with reworking, repairing or replacing of such goods or parts. THE WARRANTY STATED ABOVE IS IN LIEU OF ALL OTHER WARRANTIES, CONDITIONS OR OTHER TERMS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF TERMS AS TO QUALITY, MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE, WHETHER IMPLIED BY CUSTOM OR LAW.

LIMITATION OF DAMAGES - IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES OF ANY KIND OR NATURE ARISING OUT OF OR RELATING TO THE TRANSACTION CONTEMPLATED HEREBY OR TO THE MANUFACTURE, SALE, DELIVERY, RESALE, REWORK, REPAIR, REPLACEMENT, OR USE OF ANY PRODUCTS, WHETHER SUCH LIABILITY IS BASED IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EVEN IF SELLER HAD BEEN WARNED OF THE POSSIBILITY OF ANY SUCH DAMAGES.

THE WARRANTIES AND DISCLAIMERS OF WARRANTIES SET FORTH HEREIN MAY NOT BE EXTENDED, ALTERED OR OTHERWISE MODIFIED EXCEPT BY WRITTEN INSTRUMENT SIGNED BY SELLER.

> TERMS: NET 30 DAYS (O.A.C.) MINIMUM ORDER \$50.00 NET (CASE QUANTITY) LEAD TIME: 1-3 BUSINESS DAYS





#### MAGIC PLASTICS, INC.

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