

Streaming Water. Streaming Life!



Valves - Mini-Valves & More

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- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a complete range of Stop-Cock valves for sizes 20, 25 & 32 mm designed for conveyance of fluids and developed for water utilities, plumbing, agricultural and irrigation applications, characterized as a reliable and versatile valve.

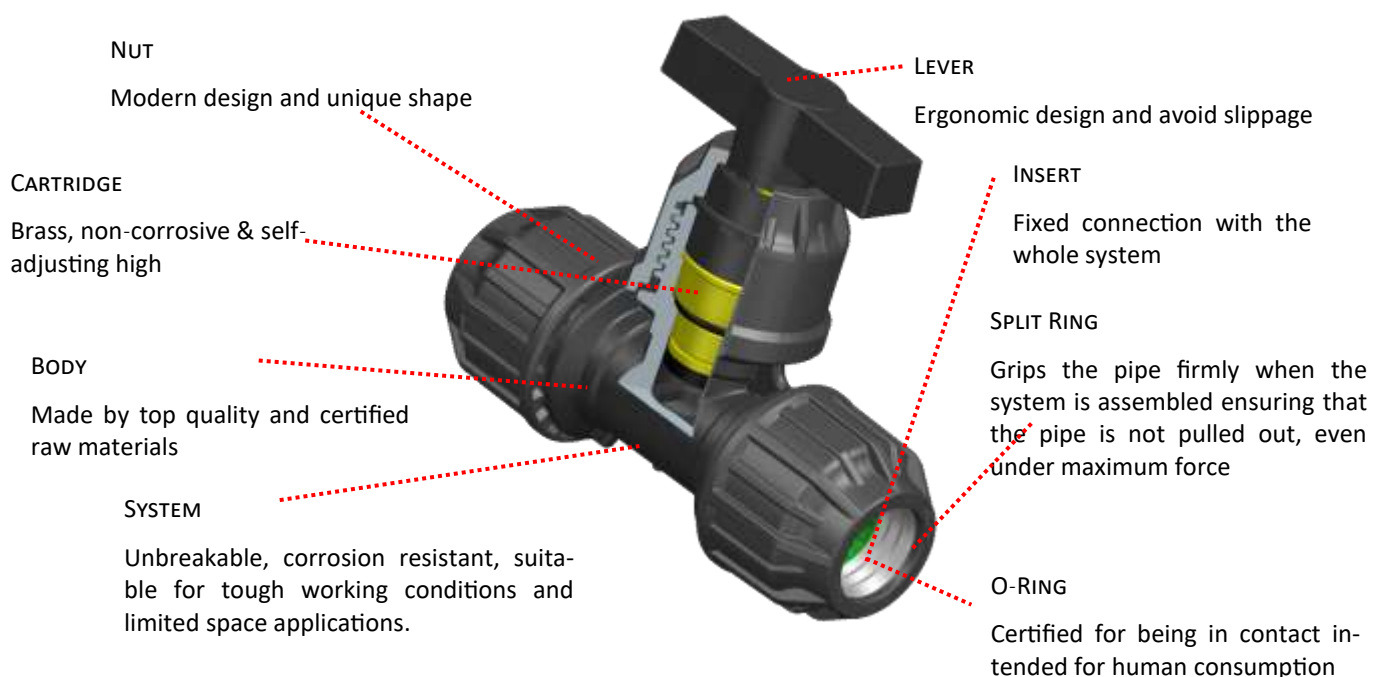
Our Stop-Cock valve comply with all relevant international standards in terms of dimensions and mechanical properties.

They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety.

To ensure that all requirements of standards and regulations are fulfilled, our valves are tested regularly and approved worldwide by the main testing institutes and certification bodies.

ADVANCED DESIGN

This new range of valves is following a modern ergonomic design with clear "family" feel to the existing range of ELYSÉE fittings. The Stop-Cocks were designated as user friendly, meant to make the job easier to professionals and/or individuals.



FEATURES

- Complete Range of fittings from 20 mm up to 32 mm
- Mechanism can't be dismantled during operation
- Excellent flow characteristics
- Sensible pressure drop to the minimum
- Provides excellent flow control due to fine-tuning cartridge
- Keeps water hammering to minimum
- Conforms to hygiene and sanitary requirements
- Severe outdoor conditions with extensive lifespan
- Use of top-class raw materials for better pressure resistance
- No loose component employing no-pull-out insert
- Ease of handling with ergonomic design of nut
- Proven leak-free secured system

CERTIFICATES



WRAS

Potable Water

QUALITY MANAGEMENT

ELYSÉE quality system, ISO 9001:2008, is approved by CCC and IQNet. To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.

ABRASION RESISTANCE

The ball valves are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

EFFECT ON WATER

ELYSÉE ball valves are fully conform to international hygiene and sanitary requirements specified by WRAS and standards such as BS6920 (UK).

STANDARDS**PP ball valves**

EN 12201-3 & ISO 17885

PVC-U ball valves

British Standards. Fittings (inch) EN 1452-3, BS 4346

Fittings (metric) DIN 8063, KIWA 54, UNI 7442/75

Threaded Fittings BS21, DIN 2999, ISO 7/1

Solvent Cement BS EN 6920, BS4346 Part 3, WRAS Approved Valves EN 1452 Part 3 Din 2999 ISO 7/1

CHEMICAL RESISTANCE

The chemical resistance properties of PP & PVC-U are excellent. It is resistant to most solutions of acids, alkalis, salts and to solvents that can be mixed with water.

OPERATING PRESSURE

PP ball valves are suitable for working pressures up to 10 bars @ 20°C.

PVC-U ball valves are suitable for working pressures as follows:



<i>Product</i>	<i>Size</i>	<i>Pressure (bar)</i>
Fittings Solvent Cement	½" - 4"	15
Fittings Threaded	½" - 4"	10
Valves	½" - 2"	16
Valves	2 ½" - 3"	10

WEATHERING

ELYSÉE ball valves offer excellent weathering properties which protects against degradation due to ultra - violet radiation. Therefore, their use is permissible on exposed systems without additional protection.

PVC Ball Valves

Ball Valves (PVC)

No. **108F**
Double Union Glued

Code	Size	Bag	Box
108F00020	25		40 S
108F00025	25		40 S
108F00032	32		40 S
108F00040	40		16 S
108F00050	50		16 S
108F00063	63		10 S
108F00075	75		4 S
108F00090	90		3 S
108F00110	110		3 S

Ball Valves (PVC)

No. **108G**
Single Union Glued

Code	Size	Bag	Box
108G00020	25		50 S
108G00025	25		50 S
108G00032	32		50 S
108G00040	40		20 S
108G00050	50		20 S
108G00063	63		12 S
108G00075	75		4 S
108G00090	90		3 S
108G00110	110		3 S

Ball Valves (PVC)

No. **109T**
Double Union Threaded Female - Female

Code	Size	Bag	Box
109T00202	¾"		40 S
109T00303	1"		40 S
109T00404	1¼"		16 S
109T00505	1½"		16 S
109T00606	2"		10 S
109T00707	2½"		4 S
109T00808	3"		3 S

Ball Valves (PVC)

No. **108T**
Single Union Threaded Female - Female

Code	Size	Bag	Box
108T00202	¾"		50 S
108T00303	1"		50 S
108T00404	1¼"		20 S
108T00505	1½"		20 S
108T00606	2"		12 S
108T00707	2½"		4 S
108T00808	3"		3 S

Ball Valves (PVC)

No. **108M**
Single Union Threaded Male - Female

Code	Size	Bag	Box
108M00101	½"		45 S
108M00202	¾"		50 S
108M00303	1"		50 S
108M00404	1¼"		20 S
108M00505	1½"		20 S
108M00606	2"		10 S

PP Ball Valves & Stop Tap-

No. **105C**
Spring Check Valve with Compression Caps

Check Valves (PP)



Code	Size	Bag	Box
105C00016	16		S
105C00020	20		120 S
105C00025	25		80 S
105C00032	32		50 S
105C00040	40		18 S
105C00050	50		15 S
105C00063	63		8 S

No. **104C**
Double Union with Compression Caps

Ball Valves (PP)



Code	Size	Bag	Box
104C00020	20		60 S
104C00025	25		40 S
104C00032	32		40 S
104C00040	40		16 S
104C00050	50		15 S
104C00063	63		8 S
104C00075	75		6 S
104C00090	90		4 S

No. **103M**
Single Union Male Thread with Compression Cap

Ball Valves (PP)



Code	Size	Bag	Box
103M02001	20 x 1/2"		120 S
103M02002	20 x 3/4"		130 S
103M02502	25 x 3/4"		60 S
103M03203	32 x 1"		50 S
103M04004	40 x 1 1/4"		20 S
103M05005	50 x 1 1/2"		20 S
103M06306	63 x 2"		12 S

No. **103F**
Single Union Female Thread with Compression Cap

Ball Valves (PP)



Code	Size	Bag	Box
103F02001	20 x 1/2"		130 S
103F02002	20 x 3/4"		120 S
103F02502	25 x 3/4"		50 S
103F03203	32 x 1"		50 S
103F04004	40 x 1 1/4"		20 S
103F05005	50 x 1 1/2"		20 S
103F06306	63 x 2"		12 S

No. **103**
Single Union Threaded Female - Female

Ball Valves AG (PP)



Code	Size	Bag	Box
103P00202	3/4" - PP		150 L
103P00303	1" - PP		150 L
103000202	3/4" - ABS		150 L
103000303	1" - ABS		150 L

No. **103S**
STOP Tap with Compression Caps

STOP Tap



Code	Size	Bag	Box
103SC0020	20 x 20		150 L
103SC0025	25 x 25		120 L
103SC0032	32 x 32		100 L

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Mini Valves (various configurations)



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MINI VALVES

INTRODUCTION

Complete range of mini valves with a large variety of configurations combining between threaded, barbed, safety, lock, grommet, take off, offtake, dripline, tape, tap, etc. The products are light-weight, easy to install and suitable for exposure to sunlight (UV) with excellent chemical resistance.

Mini Valves comply with relevant international standards in terms of dimensions and mechanical properties. To ensure that all requirements of standards and regulations are fulfilled, mini valves are tested regularly and through company's testing procedures.

WHY ELYSEE MINI VALVES (PRODUCT SPECIFICATIONS)

FEATURES

PATENTED

HANDLE

Ergonomic design that provides effortless performance.

BODY

Strong structure for bending resistance and a smooth inside surface.



- Mechanism cannot be disassembled during operation
- Outdoor resistant with extensive life span
- Robust design with ease of handling and operation
- Body ribbed for strong bending
- A quarter turn from ON/OFF position
- Only two parts assembly
- Solid, one-piece handle
- Excellent flow characteristics
- Light-weight & easy to install
- Use of top-class raw materials

MATERIALS AND COMPONENTS

The main purpose of the body is the guidance of fluids through the passage and to support a variety of configurations necessary of any possible application.

1. HANDLE:

Handle is produced as one-piece technology ensures leak tightness between the handle and the main body.

1.1 Valve Core: **Polypropylene Copolymer (PP)**

1.2 Sealing Sleeve: **Thermoplastic Elastomer (TPE)**

2. BODY: **Polyoxymethylene (POM)**

Body material ensure optimum strength and leak tightness under severe environment conditions.



PATENTS

EU patented and WIPO has been filed.



EP3183482B1



WO2016027150A1

The Mini Valve is patented under European Patent Office_EP3183482B1. The mini valve has an open-close mechanism with a valve handle that is an extension of the valve core molded together as one part, and a locking mechanism adapted to lock on the



Valves

Mini-Valves Configurations (Threaded - Barbed)



Mini Valves
No. **120G** Threaded Male x Tap Adaptor



Code	Size	Bag	Box
120G00110	1/2" • 10		400 S
120G00210	3/4" • 10		250 S

Mini Valves
No. **121B** Barbed



Code	Size	Bag	Box
121B01616	16 x 16		500 S
121B02020	20 x 20		400 S
121B02525	25 x 25		300 S

Mini Valves
No. **120** Threaded Male



Code	Size	Bag	Box
120000101	1/2" x 1/2"		400 S
120000201	3/4" x 1/2"		400 S
120000202	3/4" x 3/4"		300 S
120000303	1" x 1"		200 S

Mini Valves
No. **120B** Threaded Male x Barb



Code	Size	Bag	Box
120B00116	1/2" x 16		400 S
120B00120	1/2" x 20		400 S
120B00216	3/4" x 16		400 S
120B00220	3/4" x 20		400 S
120B00225	3/4" x 25		300 S
120B00325	1" x 25		300 S

Mini Valves
No. **128B** Offtake



Code	Size	Bag	Box
128B00816	8 • 16		400 S
128B00820	8 • 20		300 S

Mini Valves
No. **129B** Offtake with Rubber



Code	Size	Bag	Box
129B00816	8 • 16		400 S
129B00820	8 • 20		300 S

Mini Valves
No. **125B** Take Off Barbed with Rubber



Code	Size	Bag	Box
125B01016	10 • 16		400 S
125B01020	10 • 20		300 S

Mini Valves
No. **127B** Gromet with Rubber



Code	Size	Bag	Box
127B00816	8 • 16		400 S
127B00820	8 • 20		400 S



Mini-Valves Configurations (Safety - Lock)

Mini Valves
No. **120S** Threaded Male x Safety



Code	Size	Bag	Box
120S00116	½" x 16		500 S
120S00120	½" x 20		400 S
120S00216	¾" x 16		300 S
120S00220	¾" x 20		300 S

Mini Valves
No. **125S** Take Off with Rubber x Safety



Code	Size	Bag	Box
125S01016	10 • 16		500 S
125S01020	10 • 20		300 S

Mini Valves
No. **127S** Gromet with Rubber x Safety



Code	Size	Bag	Box
127S00816	8 • 16		300 S
127S00820	8 • 20		300 S

Mini Valves
No. **128S** Offtake x Safety



Code	Size	Bag	Box
128S00816	8 • 16		400 S
128S00820	8 • 20		300 S

Mini Valves
No. **129S** Offtake with Rubber x safety



Code	Size	Bag	Box
129S00816	8 • 16		400 S
129S00820	8 • 20		400 S

Mini Valves
No. **121L** Barbed x Lock



Code	Size	Bag	Box
121L01616	16 x 16		200 S
121L02020	20 x 20		200 S
121L02525	25 x 25		100 S

Mini Valves
No. **120L** Lock x Lock



Code	Size	Bag	Box
120L16016	16 x 16		175 S
120L20020	20 x 20		175 S
120L25025	25 x 25		120 S

Mini Valves
No. **120L** Threaded Male x Lock



Code	Size	Bag	Box
120L00116	½" x 16		200 S
120L00120	½" x 20		200 S
120L00216	¾" x 16		200 S
120L00220	¾" x 20		200 S
120L00325	1" x 25		150 S

Mini Valves
No. **128L** Offtake x Lock



Code	Size	Bag	Box
128L00816	8 • 16		200 S
128L00820	8 • 20		200 S

Valves

Mini-Valves Configurations (for Driplines)



Mini Valves
No. **120D**
Threaded Male x Dripline



Code	Size	Bag	Box
120D00116	½" x 16		400 S
120D00120	½" x 20		300 S
120D00216	¾" x 16		300 S
120D00220	¾" x 20		300 S

Mini Valves
No. **122D**
Barbed x Dripline



Code	Size	Bag	Box
122D01616	16 x 16		S
122D02016	20 x 16		S
122D02020	20 x 20		S

Mini Valves
No. **125D**
Take Off with Rubber x Dripline



Code	Size	Bag	Box
125D01016	10 • 16		400 S
125D01020	10 • 20		300 S

Mini Valves
No. **127D**
Grommet with Rubber x Dripline



Code	Size	Bag	Box
127D00816	8 • 16		400 S
127D00820	8 • 20		300 S

Mini Valves
No. **128D**
Offtake x Dripline



Code	Size	Bag	Box
128D00816	8 • 16		300 S
128D00820	8 • 20		300 S

Mini Valves
No. **129D**
Offtake with Rubber x Dripline



Code	Size	Bag	Box
129D00816	8 • 16		200 S
129D00820	8 • 20		200 S



Mini-Valves Configurations (for Tapes)-

Mini Valves
No. 110T
Threaded Male x Tape



Code	Size	Bag	Box
110T01017	3/8" x 17		300 S
110T00117	1/2" x 17		300 S
110T00217	3/4" x 17		300 S

Mini Valves
No. 112T
Barbed x Tape



Code	Size	Bag	Box
112T01617	16 x 17		400 S
112T02017	20 x 17		300 S
112T02022	20 x 22		300 S

Mini Valves
No. 115T
Take Off with Rubber x Tape



Code	Size	Bag	Box
115T01017	10 • 17		400 S
115T01022	10 • 22		300 S

Mini Valves
No. 117T
Gromet with Rubber x Tape



Code	Size	Bag	Box
117T00817	8 • 17		300 S
117T00822	8 • 22		200 S

Mini Valves
No. 118T
Offtake x Tape



Code	Size	Bag	Box
118T00817	8 • 17		300 S

Mini Valves
No. 119T
Offtake with Rubber x Tape



Code	Size	Bag	Box
119T00817	8 • 17		300 S

Mini Valves
No. 111T
Tape x Tape



Code	Size	Bag	Box
111T01717	17 x 17		300 S
111T02222	22 x 22		200 S

Valves

Garden Valves - Brass Valves & More

Various Valves

No. **191**
Quick Coupling (Garden) Valve



Code	Size	Bag	Box
191000007	¾"		400
191000002	1"		400
191000006	¾" - Key		300

Air Valves

No. **961P**
Air Valve



Code	Size	Bag	Box
961P00003	1"		30
961P00006	2"		20

Tap

No. **104**
Tap Valve



Code	Size	Bag	Box
104000001	½"		30
104000002	¾"		20
104000003	1"		15
104001KEY	½" Key		

Various Valves

No. **106**
Ball Valve Threaded Male x Female



Code	Size	Bag	Box
106000101	½"		150
106000202	¾"		100
106000303	1"		100
106000404	1¼"		80
106000505	1½"		80

Various Valves

No. **101**
Gate Valve Threaded Female



Code	Size	Bag	Box
101000101	½"		100
101000202	¾"		100
101000303	1"		100
101000404	1¼"		70
101000505	1½"		70
101000606	2"		25
101000707	2½"		20
101000808	3"		10
101000909	4"		7

Various Valves

No. **102**
Ball Valve Threaded Female



Code	Size	Bag	Box
102000101	½"		200
102000202	¾"		80
102000303	1"		100
102000404	1¼"		50
102000505	1½"		25
102000606	2"		20
102000707	2½"		10
102000808	3"		10
102000909	4"		5

Pressure Regulators

No. **107**
Pressure Regulator



Code	Size	Bag	Box
107000202	¾"		
107000303	1"		
107000505	1½"		
107000606	2"		

Check Valves & Water Meters

Check Valves

No. **962** **Spring Check Valve**



Code	Size	Bag	Box
962000001	½"		
962000002	¾"		
962000003	1"		
962000004	1¼"		
962000005	1½"		
962000006	2"		
962000007	2½"		
962000008	3"		
962000009	4"		

Check Valves

No. **962A** **Screen Check Valve**



Code	Size	Bag	Box
962A00001	½"		
962A00002	¾"		
962A00003	1"		
962A00004	1¼"		
962A00005	1½"		
962A00006	2"		
962A00007	2½"		
962A00008	3"		
962A00009	4"		

Screens

No. **961** **Screen**



Code	Size	Bag	Box
961000001	½"		
961000002	¾"		
961000003	1"		
961000004	1¼"		
961000005	1½"		
961000006	2"		
961000007	2½"		
961000008	3"		
961000009	4"		

Check Valves

No. **963** **Gate Check Valve**



Code	Size	Bag	Box
963000001	½"		
963000002	¾"		
963000003	1"		
963000004	1¼"		
963000005	1½"		
963000006	2"		
963000007	2½"		
963000008	3"		
963000009	4"		

Water Meters

No. **414** **Water Meters Threaded**



Code	Size	Bag	Box
41400101C	½" - C - 3 m3/h		1
41400101I	½" - I - 3 m3/h		1
41400202C	¾" - C - 5 m3/h		1
41400202I	¾" - I - 5 m3/h		1
41400303C	1" - C - 5 m3/h		1
41400303I	1" - I - 5 m3/h		1
41400404C	1¼" - C - 10 m3/h		1
41400404I	1¼" - I - 10 m3/h		1
41400606C	2" - C - 40 m3/h		1
41400606I	2" - I - 40 m3/h		1

Water Meters

No. **415** **Water Meters Flanged**



Code	Size	Bag	Box
41500606C	2" - C - 30 m3/h		1
41500707I	2½" - I - 60 m3/h		1
41500808I	3" - I - 80 m3/h		1
41500808C	3" - C - 80 m3/h		1
41500909I	4" - I - 80 m3/h		1
41500909C	4" - C - 80 m3/h		1

