

SEKISUI

ESLON Sch80 Piping Systems



CPVC



CPVC



VALVES CPVC PVC PP

Standard : JIS,ANSI/ASTM,DIN



Sch80 CPVC & PVC Piping Systems Piping Systems

Pipe

CPVC

PVC

Eslon Pipe is Manufactured to The Following Standard Specifications

Type	Material (Cell Classification)	Dimensions	Commercial Classification
CPVC Schedule 80	ASTM D-1784 (23447)	ASTM F-441	Type IV ,Grade 1, CPVC 4120
PVC Schedule 80	ASTM D-1784 (12454)	ASTM D-1785	Type I ,Grade 1, PVC 1120

*ASTM F480 Well Casing

Eslon Schdule80 Pipes are approved by NSF international 14 and 61 (Excluding CPVC pipe 20A).

NSF standard 14 : Plastics Piping System Components and Related Materials

NSF standard 61 : Drinking Water System Components - Health Effects



NSF

True Union



size	Union	
	S×S	FT×FT
1/2"	●	●
3/4"	●	●
1"	●	●
1 1/4"	●	●
1 1/2"	●	●
2"	●	●
2 1/2"	●	●
3"	●	●
4"	●	●

Flange



size	One Piece Flange			Van Stone Flange		Blind Flange
	ANSI×ASTM	JIS×ASTM	ANSI×Threaded	ANSI×ASTM	JIS×ASTM	ANSI
1/2"	●	●	●	●		●
3/4"	●	●	●	●		●
1"	●	●	●	●		●
1 1/4"	●	●	●	●		●
1 1/2"	●	●	●	●		●
2"	●	●	●	●	●	●
2 1/2"	●	●	●	●	●	●
3"	●	●	●	●	●	●
4"	●	●	●	●	●	●
5"	●	●		●	●	●
6"	●	●		●	●	●
8"	●	●		●	●	●
10"				●	●	○
12"				●		○
14"				●	●	○*
16"				●	●	○*

○:Only PVC

*Please contact us

Fittings

CPVC



PVC



Eslon Thermoplastic Fittings are manufactured to The Following Standard Specifications

Type		Material (Cell Classification)	Dimensions	Commercial Classification
CPVC Schedule 80	Socket-type	ASTM D-1784 (23447)	ASTM F-439	Type IV ,Grade 1, CPVC 4120
	Threaded-type		ASTM F-437	
PVC Schedule 80	Socket-type	ASTM D-1784 (12454)	ASTM D-2467	Type I ,Grade 1, PVC 1120
	Threaded-type		ASTM D-2464	

Eslon Schdule80 Fittings are approved by NSF international 14 and 61.
NSF standard 14 : Plastics Piping System Components and Related Materials
NSF standard 61 : Drinking Water System Components - Health Effects



NSF

size	Coupling		90°Elbow			45°Elbow			Tee			Male Adapter	Female Adapter	Cap	
	S×S	FT×FT	S×S	FT×FT	S×FT	S×S	FT×FT	S×FT	S×S×S	FT×FT×FT	S×S×FT			Socket	Thread
1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2 1/2"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5"	●		●			●			●					●	
6"	●		●			●			●					●	
8"	●		●			●			●					●	
10"	●		●			●			●					●	
12"	●		●			●			●					●	
14"	●		●			●			●						
16"	●		●			●			●						

Reducing Fitting Line Up

3/4"	● △ ■															
1"	● △ ■	● △ ■														
1 1/4"	● △ ■	● △ ■	● △ ■													
1 1/2"	● △ ■	● △ ■	● △ ■	● △ ■												
2"	● △ ■	● △ ■	● △ ■	● △ ■	● △ ■											
2 1/2"					● △ ■	● △ ■										
3"			● △ ■		● △ ■	● △ ■	● △ ■									
4"			■	■	■	● △ ■	● △ ■	● △ ■								
5"									● △ ■							
6"									● △ ■	● △ ■	● △ ■					
8"									△	● △ ■		● △ ■				
10"										△		■	● △ ■			
12"												■	● △ ■	● △ ■		
14"															● △	
16"															● △	● △
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	

- Reducing Coupling
- △ Reducing Tee
- Bush

CPVC Valves

ESLON Diaphragm Valve



Connection	Flange	True Union (Socket)
Body material	CPVC	
Seat material	EPDM,FKM,PTFE	
Size	1/2" ~ 4"	1/2" ~ 2"
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN

ESLON Ball Valve



Connection	Flange	True Union (Socket)
Body material	CPVC	
O-ring material	EPDM,FKM	
Size	1/2" ~ 4"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN

ESLON Ball Valve TypeM



Connection	Flange	True Union (Socket)
Body material	CPVC	
O-ring material	EPDM,FKM	
Size	1/2" ~ 4"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN

ESLON Foot Valve



Flange

TS Socket・Thread

Connection	Flange	True Union (Socket)
Body material	CPVC	
Seat material	EPDM,FKM	
Size	1/2" ~ 4"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN

ESLON Butterfly Valve



Type	Lever	Gear
Body material	CPVC	
O-ring/Seat material	EPDM,FKM	
Size	2"~8"	
Standard	JIS,ANSI,DIN	

Sequential release from October 2025 onwards.

ESLON Check Valve



Ball Type

Connection	Flange	True Union (Socket)
Body material	CPVC	
Seat material	EPDM,FKM	
Size	1/2" ~ 4"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN



True Union Ball Type

Connection	Flange	True Union (Socket)
Body material	CPVC	
O-ring/Seat material	EPDM,FKM	
Size	1/2" ~ 4"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN



Swing Type

Type	Swing
Body material	CPVC
O-ring/Seat material	EPDM,FKM
Gasket material	EPDM,PTFE
Size	1-1/2"~4"
Standard	JIS,ANSI,DIN

Sequential release from October 2025 onwards.

PVC Valves

ESLON Diaphragm Valve



Connection	Flange	Socket	Thread
Body material	PVC		
Seat material	EPDM,FKM,PTFE		
Size	1/2" ~ 10"	1/2" ~ 2"	
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN	Rc,NPT,Rp

ESLON Ball Valve



Connection	Flange	Socket	Thread
Body material	PVC		
Seat material	EPDM,FKM		
Size	1/2" ~ 4"		
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN	Rc,NPT,Rp

ESLON Butterfly Valve



Type	Lever	Gear
Body material	PVC	
O-ring /Seat material	EPDM,FKM	
Size	1 · 1/2" ~ 8"	1 · 1/2" ~ 14"
Standard	JIS,ANSI,DIN	

ESLON Check Valve



Type	Ball	True Union	Swing
Body material	PVC		
O-ring material	EPDM,FKM		EPDM,FKM
Gasket material	—		EPDM,PTFE
Size	1/2" ~ 4"		1/2" ~ 8"
Standard	(Socket)JIS,ANSI,DIN (Thread)Rc,NPT,Rp		JIS,ANSI,DIN

ESLON Foot Valve



Connection	Flange	Socket	Thread
Body material	PVC		
Seat material	EPDM,FKM		
Size	1/2" ~ 4"		
Standard	JIS,ANSI,DIN	JIS,ASTM,DIN	Rc,NPT,Rp

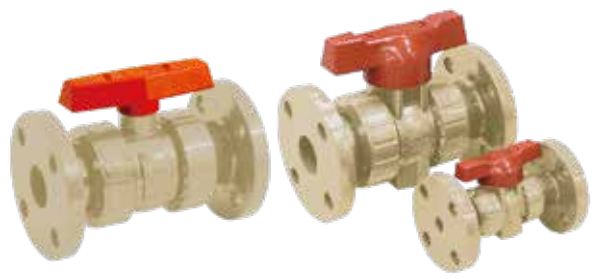
PP Valves

ESLON Diaphragm Valve



Connection	Flange	Butt Spigot	Socket welding
Body material	PP		
Seat material	EPDM,FKM,PTFE		
Size	1/2" ~ 10"	1/2" ~ 2"	
Standard	JIS,ANSI,DIN	DIN	DIN

ESLON Ball Valve



Connection	Flange	Butt Spigot	Socket welding
Body material	PP		
Seat material	EPDM,FKM		
Size	1/2" ~ 4"		
Standard	ANSI,DIN	DIN	DIN

ESLON Butterfly Valve



Type	Lever	Gear
Body material	PP	
O-ring / Seat material	EPDM,FKM	
Size	1-1/2"~8"	1-1/2"~14"
Standard	JIS,ANSI,DIN	

ESLON Check Valve



Type	Swing
Body material	PP
O-ring material	EPDM,FKM
Gasket material	EPDM,PTFE
Size	1/2" ~ 8"
Standard	JIS,ANSI,DIN

PVDF Valves

ESLON Diaphragm Valve



ESLON Ball Valve



ESLON Butterfly Valve



ESLON Check Valve



Target

Chemical Process Industry

Pulp & Paper electroplanting,
Chlor alkali, fertilizer etc

Industrial Processing

Plant Water distribution,
Brine Production and disposal etc.

Power Generation

Boiler Feed Water

Food & Beverage

Potable Water

Waste Water Treatment

Desalination, water supply etc.

Aquarium

Valve, Pipe, Fitting

Semiconductor

Clean Pipe system



SEKISUI CHEMICAL CO.,LTD.

Industrial Piping Systems Division

2-10-4 Toranomon Minatoku, Tokyo, 105-8566 Japan

<https://eslon-plant.jp/web-en/> E-mail: eslon_plant@sekisui.com

website



☐ SEKISUI INDUSTRIAL PIPING CO., LTD.

No. 156, Section 1, Zhongshan Road, Banqiao District, New Taipei City, 22065 Taiwan, R.O.C.
TEL +886-2-2964-1478 FAX +886-2-2964-1959

☐ SEKISUI (SHANGHAI) INTERNATIONAL TRADING CO., LTD.

Room 601-602, T1 Building Changning International, No.1388 Kaixuan Road,
Changning District, Shanghai, 200052, PRC
TEL +86-21-6482-0638 FAX +86-21-6482-0639

☐ SEKISUI SINGAPORE PTE. LTD.

(Indonesia, Malaysia, Philippines, Australia)
7500A Beach Road #12-304/307 The Plaza 199591, Singapore
TEL +65-629-637-88 FAX +65-629-677-23

☐ SEKISUI VIETNAM CO., LTD.

Room1414, CornerStone Building, 16Phan Chu Trinh St, Hoan Kiem District, Hanoi, Vietnam
TEL +84-4-3939-2677 FAX +84-4-3939-2678

☐ SEKISUI SPECIALTY CHEMICALS (THAILAND) CO., LTD.

968 12th Floor, U-Chuliang Building, Rama 4 Road, Silom, Bangrak, Bangkok 10500, Thailand
TEL +66-2237-7933 FAX +66-2632-4577

☐ INDIA BRANCH OFFICE

Level 18, The Executive Centre One Horizon Center, Golf Course Road, DLF Phase-5, Sector43, Gurgaon, 122002, India
TEL +91- 0124-668-7777 E-mail: ssct_india@sekisui.com

Copyright 2024

SEKISUI CHEMICAL CO., LTD.

May not be copied in whole or part.

Printed Oct.2025.2nd Edition
ESLON

Sch80 Piping Systems &
VALVES Catalog
SEKISUI CHEMICAL CO.,LTD.
Industrial Piping Systems Division

No. 06252

2025. 10. 0TH TX