



P200 Y-Type U-PVC / PP-H Thermoplastic Strainers

Y-Type U-PVC / PP-H strainers are high-performance mechanical filtration components designed to retain solid particles contained in fluids flowing through pipeline systems. Thanks to their "Y" body design, they provide efficient filtration with low pressure loss and allow for easy maintenance. They are safely used in chemical processes, water treatment systems, and industrial facilities. PVC and PP-H material options provide high chemical resistance and extended service life. PP-H bodies are particularly suitable for aggressive chemicals and high-temperature applications.



Material Construction

- Body: PVC or PP-H (Polypropylene Homopolymer)
- Filter Element (Screen): PP or PVC
- Seal: EPDM or FPM (Viton) – selectable according to the fluid

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Technical Specifications

- Connection Type: Solvent cement socket, threaded or flanged
- Nominal Diameter: DN 15 – DN 100
- Filtration Rating: 2 mm
- Working Pressure: PN 10
- Operating Temperature: PVC: 0 °C to +60 °C
PP-H: 0 °C to +90 °C

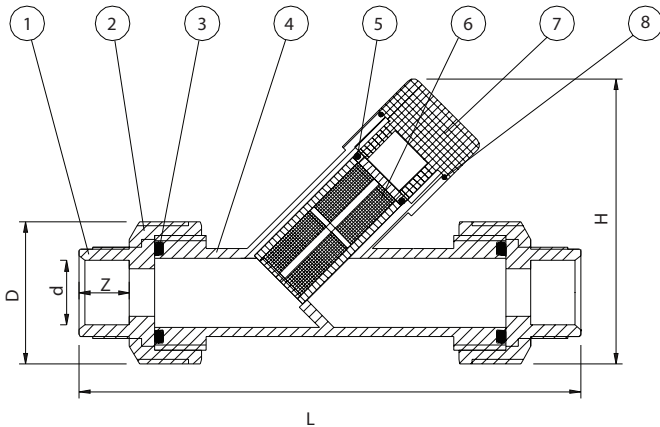
Applications

- Water treatment and filtration systems
- Chemical and petrochemical plants
- Process pipelines
- Agricultural and irrigation systems
- Food, pharmaceutical, and industrial fluid applications

Advantages

- High chemical and corrosion resistance
- Low pressure loss
- Easy maintenance and cleaning
- Long-lasting and robust construction
- Wide range of applications and connection options

Part List



Material List

No	Part Name	Qty	Material
1	Adaptor	2	PVC / PP-H
2	Union	2	PVC / PP-H
3	Seal Ring	2	EPDM / FPM
4	Body	1	PVC / PP-H
5	Seal Ring	1	EPDM / FPM
6	Screen	1	PVC / PP-H
7	Cap	1	PVC / PP-H
8	Seal Ring	1	EPDM / FPM

Dimensions(mm)

Size		Mesh Size	d	D	L	Z	H
DN	Inch						
DN15	1/2"	Mesh 20 (0,84 mm)	20	42	175	16	82
DN20	3/4"	Mesh 20 (0,84 mm)	25	52	187	19	98
DN25	1"	Mesh 20 (0,84 mm)	32	58	205	27	115
DN32	1-1/4"	Mesh 14 (1,18 mm)	40	72	245	30	131
DN40	1-1/2"	Mesh 14 (1,18 mm)	50	82	268	30	165
DN50	2"	Mesh 10 (2,00 mm)	63	101	290	40	197
DN65	2-1/2"	Mesh 10 (2,00 mm)	75	128	377	40	245
DN80	3"	Mesh 8 (2,36 mm)	90	146	427	51	272
DN100	4"	Mesh 8 (2,36 mm)	110	168	600	60	315