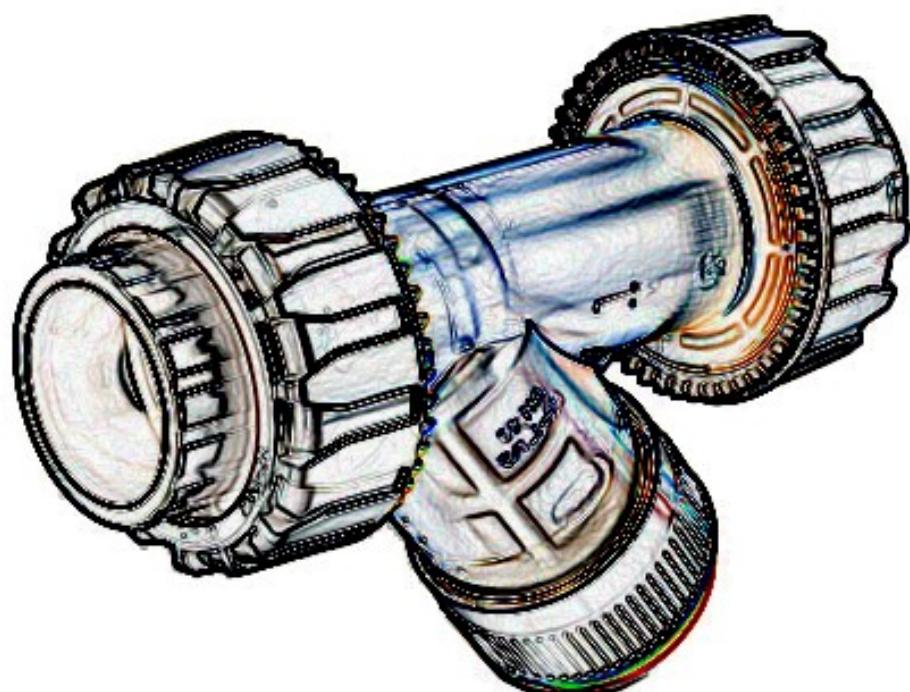


Tecничal Catalog
Catalogo Tecnico



PVC-U Sediment strainer
PVC-U Raccoglitore di impurità

PVC-U Sediment strainers – VI series

PVC-U Raccoglitori di impurità – serie VI

The VIT Sediment strainer limits the passage of any solid particles present in the fluid by means of a strainer.

Il raccoglitore di impurità VIT limita il passaggio di particelle solide presenti nel fluido mediante un filtro.

- Strainer mounted on an easily removed support that facilitates the cleaning or replacement.
Filtro montato su un supporto facilmente estraibile che facilita la pulitura o la sostituzione del filtro stesso.
- Valve material compatibility (PVC-U) with water conveyance, drinking water and other food substances according to current regulations.
Compatibilità del materiale della valvola (PVC-U) con il convogliamento di acqua, acqua potabile e altre sostanze alimentari secondo le normative vigenti.



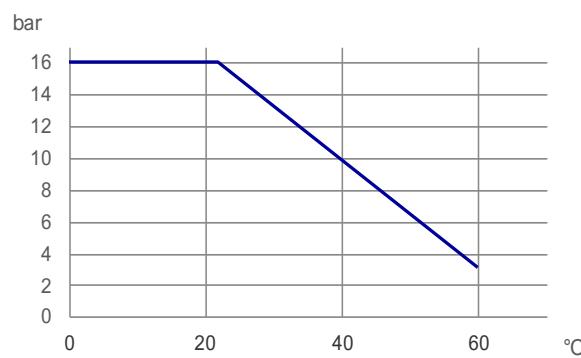
TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

NOMINAL PRESSURE / PRESSIONE NOMINALE	PN 10 (145 psi) 20°C
DIMENSIONS / DIMENSIONI	DN 15 ÷ DN 50 (d.20 ÷ 63 mm)
VALVE MATERIAL / MATERIALE VALVOLA	PVC-U
STRAINER MATERIAL / MATERIALE FILTRO	PVC-U / SS
SEALS MATERIAL / MATERIALE GUARNIZIONI	EPDM or FKM
TEMPERATURE RANGE / TEMPERATURA	0°C ÷ 60°C
COUPLING STANDARDS / GIUNZIONI	Metric solvent welded spigots / Manicotti maschio perincollaggio metrici

Operating pressure / Pressione di esercizio

Maximum operating pressure for PVC-U: according to temperature as shown in graph.

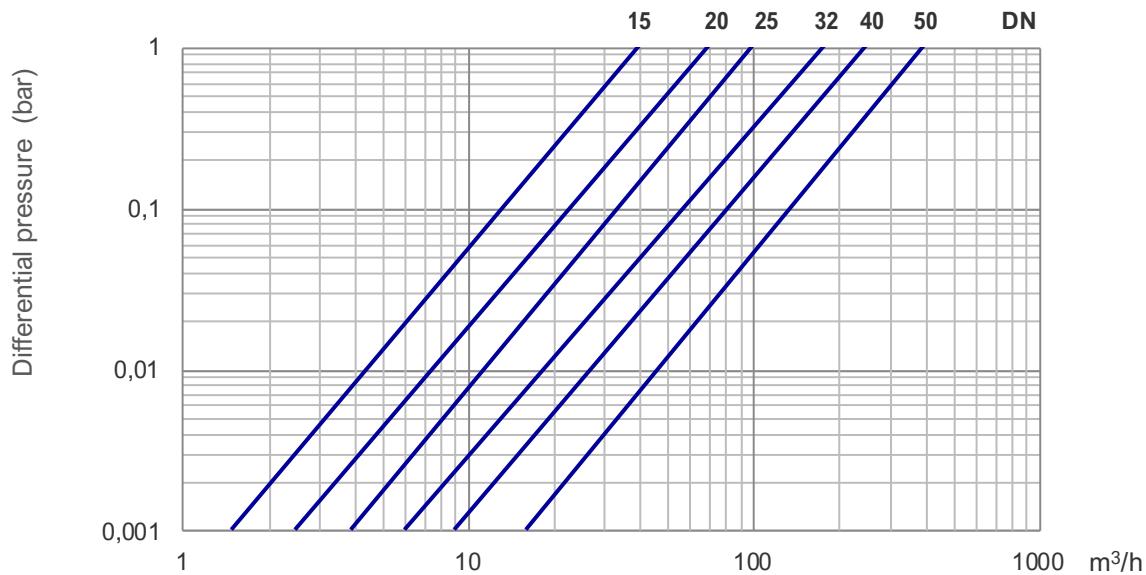
Massima pressione di esercizio per il PVC-U: secondo quanto indicato nel grafico in figura.



PVC-U Sediment strainers – VI series

PVC-U Raccoglitori di impurità – serie VI

Pressure loss / Perdite di carico



Flow rate coefficient Kv100 / Coefficiente di flusso Kv100

At $\Delta p = 1$ bar.

Kv100 flow coefficient is the flow rate of water at 20°C that will generate 1 bar pressure drop. The Kv100 values in the table are calculated for the valve completely open.

Per $\Delta p = 1$ bar.

Il coefficiente di flusso Kv100 è la portata dell'acqua a 20° che genera una caduta di pressione di 1 bar. I valori del coefficiente Kv100 riportati nella tabella sono riferiti alla valvola completamente aperta.

DN	15	20	25	32	40	50
l/min	40	70	103	118	255	410

Strainer dimensions / Dimensioni del filtro

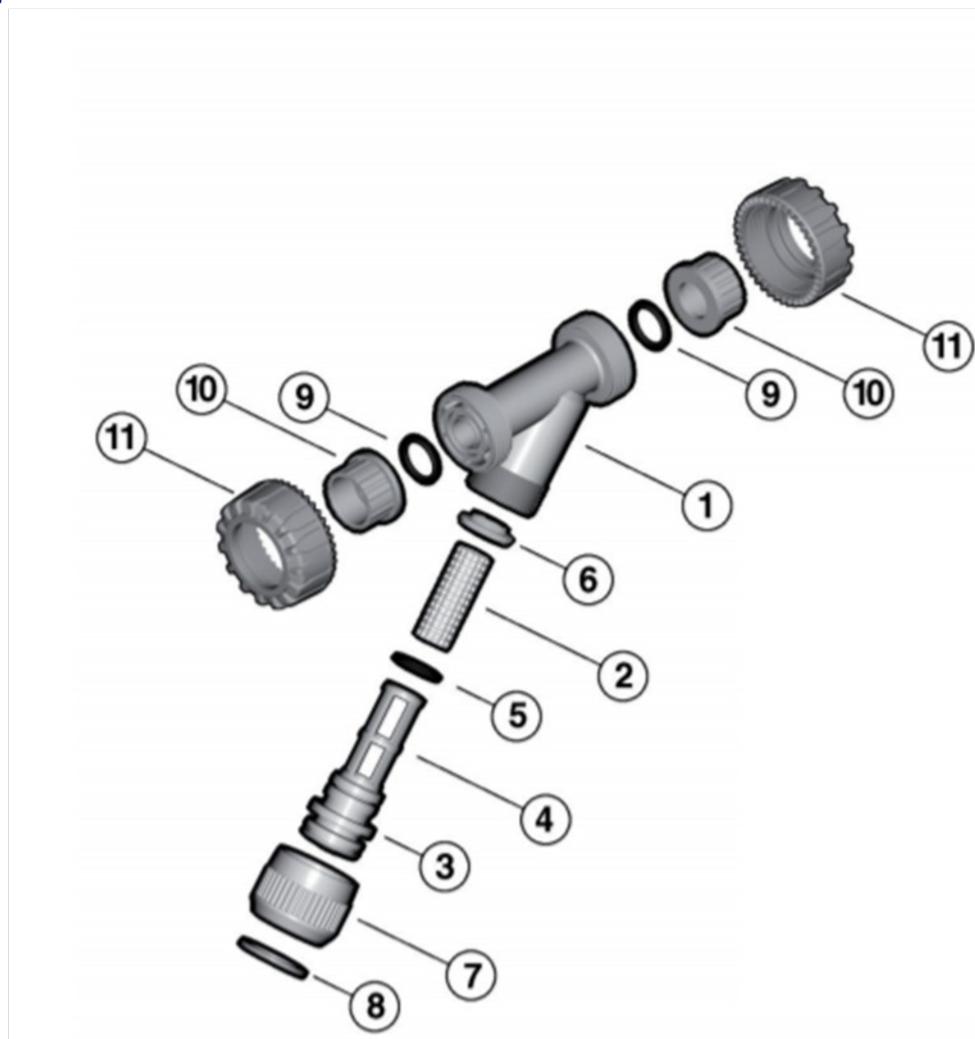
Pitch (mm) / Passo (mm)	0.7	1.0	1.5	2.0	2.5
Number of holes per cm ² / Numero di fori per cm ²	40	70	103	118	255
ø equivalent hole µm / ø foro equivalente in µm	260	125	67	36	26
Stainer material / Materiale del filtro	Inox AISI 304	PVC-U	PVC-U	PVC-U	PVC-U

Total strainer area A_{tot} (cm²) / Area totale del filtro A_{tot} (cm²)

DN	15	20	25	32	40	50
A _{TOT}	16	23.5	36	53	69	101

PVC-U Sediment strainers – VI series
PVC-U Raccoglitori di impurità – serie VI

Components / Componenti



n.	COMPONENT	MATERIAL	Qty	n.	COMPONENT	MATERIAL	Qty
1	Body / Corpo	PVC-U	1	7	Union nut / Ghiera	PVC-U	1
2	Strainer / Filtro	PVC-U or SS	1	8	Retainig ring / Anello aperto	PVC-U	1
3	Bonnet / Coperchio	PVC-U	1	9*	Socket seals O-ring / Guarnizione O-ring di tenuta di testa	EPDM/FKM	2
4	Strainer support / Supporto del filtro	PVC-U	1	10*	End socket / Manicotto	PVC-U	2
5	O-ring / O-ring	EPDM/FKM	3	11*	Nut / Ghiera	PVC-U	2
6	Washer / Rondella	PVC-U	1				

*) For Valve with union / Per valvola con bocchettoni

PVC-U Sediment strainers – VI series

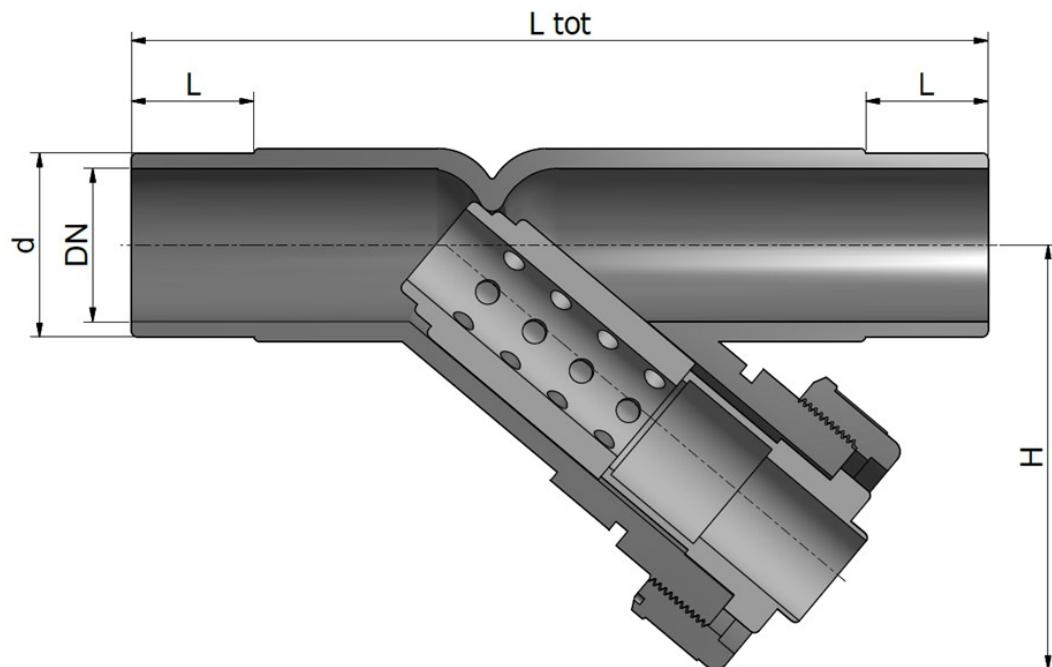
PVC-U Raccoglitori di impurità – serie VI

SOLVENT WELDED METRIC SPIGOTS

MANICOTTI METRICI PER INCOLLAGGIO MASCHIO

- PVC-U strainer / filtro in PVC-U

Rev. Jan 2020
FN4049



Code	d	DN	L	L tot	H	PN	Weight (g)
CDRVIT0200	20	15	16	124	72	10	120
CDRVIT0250	25	20	19	144	84	10	190
CDRVIT0320	32	25	22	154	95	10	285
CDRVIT0400	40	32	26	174	111	10	400
CDRVIT0500	50	40	31	194	120	10	600
CDRVIT0630	63	50	38	224	139	10	945

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