

PLEATED CARTRIDGES ULTRAMESH series RS

SINTERED FIBRE AND WOVEN CLOTH

(3, 5, 10, absolute filtration rating)

What makes the difference of an **ULTRA-MESH** element, is the perfect synchrony between high filtering surface and efficiency regeneration requirements.

FILTERS, that has a over 60 years know-how in the filtration field, reached with the **ULTRA-MESH** element a solid meeting point between both requirements, reducing at the minimum the pressure drop and maintaining a necessary space between the pleats (considering particularly attention the bending crest profile and the height of the pleat) to allow an efficient cleaning.

FEATURES

High adaptability in several conditions with lubro-refrigeration fluid, lubrication oils, synthetic and mineral oils, waters, heavy and light fuels, corrosive fluids, Gas.

- Stiffened structural module construction assure sturdiness to the element, guaranteeing integrity and long service life; the radial type seal, allows, also in presence of irregular pressure, to avoid "particles migration".
- Standard construction is provided for working temperature from -20°C up to 140°C. Changing the gasket material and the assembly method, temperature that may satisfy every working requirements can be reached.
- Easy regeneration with manual back-washing, by appropriate chemical agents.



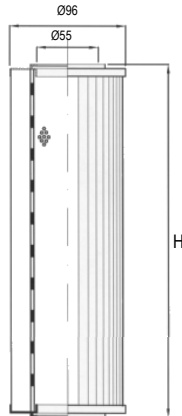
*Ultra Mesh
sintered fibre and
woven cloth*



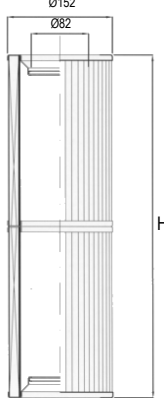
Cod.	Nom. um	Abs. um
V	0.5	3
W	2	5
Z	5	10

DIMENSIONS and OPERATING DATA

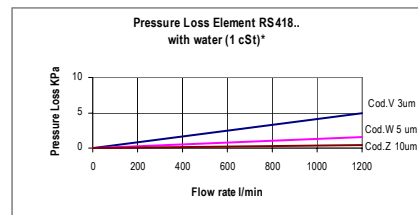
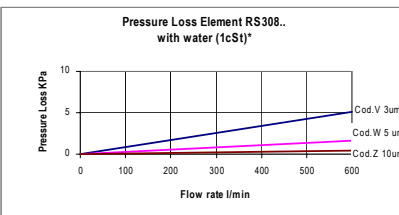
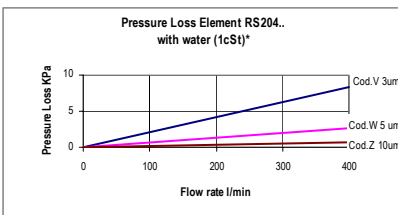
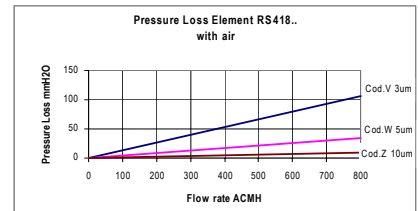
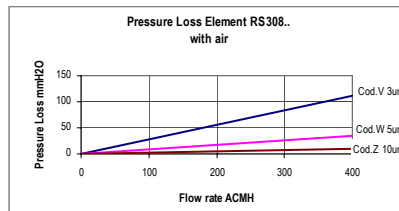
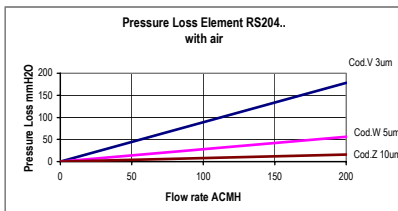
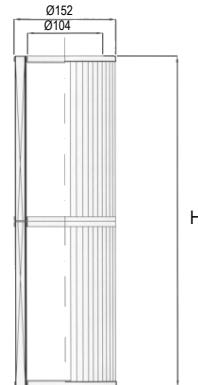
RS2
Available length "H"
300, 350, 500 mm



RS3
Available length "H"
400, 500 mm



RS4
Available length
"H" 500, 1000 mm



Operational Data

Maximum Rated Differential Pressure 7 bar (Ext.to int.)
Maximum Rated Operating Temperature 140°C at 1,5 bar .

* Formula used to calculate Δp
changing liquid viscosity
and specific weight

" Δp_B " = Δp actual

" Δp_A " = Δp read on graph

" v_B " = Actual viscosity in cSt

" sw_B " = actual specific weight

$$\Delta p_B = \Delta p_A \times v_B / 1 \times sw_B / 1$$

ORDERING CODE

RS2			05		V		D		HH	
Element Model	Height mm	Code	Filtration Rating μm	Code	Materials Gaskets/Core-plates/Medium	Code	Execution	Code		
RS2	300	04	3	V	Viton/C.Steel znt/SS316L	B	Std (No Code)	_		
RS3	350	05	5	W	Viton/SS304L/SS316L	C	*All Welded	HH		
RS4	400	06	10	Z	Viton/SS316L/SS316L	D	*For high temperature and corrosive fluids.			
	500	08			PTFE/SS316L/SS316L	E				
	1000	18								

*For high temperature and corrosive fluids.

