

Dutch Filtration manufactures wide range of filter elements for vertical and horizontal pressure leaf filters. The elements are manufactured for wet and dry cake discharge, 3 or 5 ply.

Our high quality leafs are used in our own range of pressure leaf filter units as well as replacement leafs for brands like: AMA, LFC, Mahle, Niagara, Twin Filter, Parker, Sharples, Durco, USF, Sparkler and more. Our rigid and heavy duty leaf design will result in long lifetime and trouble free filter operation. Our vertical filter vessels go up to 125 m2 of filtration area.

## FEATURES

- Reinforcements at top, bottom and corners, rigid and robust design.
- Excellent pre coating and cake discharge properties.
- Leakage free sealing.
- High quality welding.
- Long lifetime design.
- Different construction materials available.

## DRY CAKE DISCHARGE

Filters with a dry cake discharge are equipped with a pneumatic vibrator. The filter cake can be dried by compressed air, inert gas or steam before discharge. The cake is discharged through the conical bottom with butterfly valve.

## WET CAKE DISCHARGE

Wet cake will be discharged using a built-in spray device at the top of the vessel or in the middle of the vessel. The cake will be washed down, resulting in a slurry which is discharged through the large tank bottom drain.

## APPLICATIONS

- Edible oil
- Bio Diesel
- Brines
- Completion fluids
- Sulphur
- Gelatine
- Sugars and Sweeteners
- Chemicals
- Amine

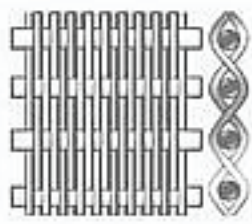
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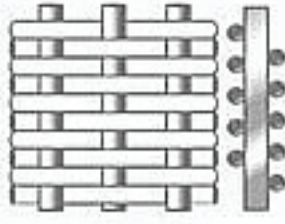
# SPECIFICATIONS PRESSURE LEAF FILTER ELEMENTS

Design Specifications	
Construction material frame	SS316, SS304, SS904L
Construction vibrator block	SS316, SS304, SS904L
Mesh material and drain layer	SS316, SS904
Mesh type	24 x 100, 60 mesh, PZ80
Filter cloth (wet cake discharge)	Polypropylene or Nylon
O-ring	Viton
Maximum differential pressure	6 bar

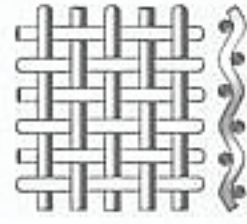
## WIRE MESH



**PZ80 Reverse Plain Dutch Weave**



**PDW 24x110 Plain Dutch Weave**



**60 Mesh Plain Weave**

## WHAT SPECIFICATIONS DO WE NEED FOR ORDERING DUTCHLEAF

Type	Height Leaves	Width leaves	Fiber mesh	Quantity layers	Material filter	Nozzle
Pressure leaf vertical	exact height in mm	exact width in mm	PZ80	3 ply	S4 = SS304	35 = 35 mm
Pressure leaf horizontal			24 x 110	5 ply	S6 = SS316	41 = 41 mm
			60		S9 = SS904	others on request
			With or without Cloth			

## OPTIONAL

- Construction material frame
- Construction material vibrator block
- Mesh material
- Different lengths