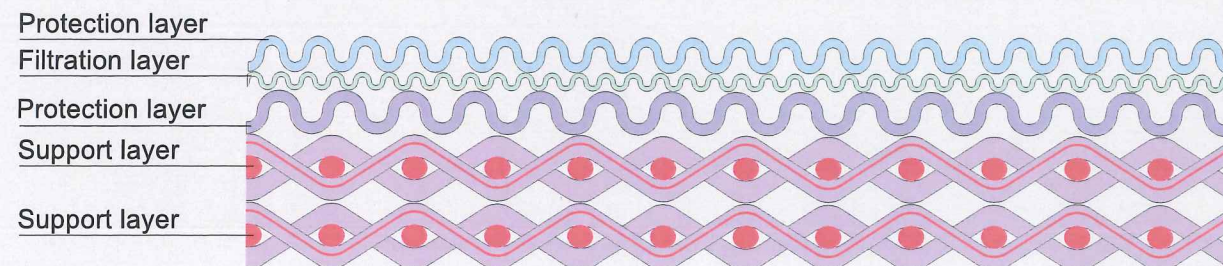


PORMET Porous metal panel and tough and durable multipurpose filter media

“PORMET” is our standard (diffusion bonded) wire mesh panel which is designed for multipurpose use. It consists of 5 layers and sintered into one piece.

It is not, cheap, but it can be applied to various places such as extremely low temperature beyond minus 200°C as well as high temperature of 400 to 500°C.

Mesh Construction



Advantages

Resistant against high temperature and extreme coldness

PORMET is made from 100% of stainless steel, SUS316L in most cases. Therefore, it is very resistant to high temperature and also extreme coldness such as liquefied hydrogen, liquefied natural gas, etc.

High Strength

PORMET is quite strong, durable and beautiful because it is first class stainless steel made.

Accurate Openings

The size of openings is very accurate like silk cloth because uniformed wire cloth is filtration media.

Easy Cleaning

PORMET is very tough and durable unlike paper cloth filtration, or powder media. Therefore, it can be used for a long time through proper cleaning and maintenance.

Mesh Construction

Type	Mesh construction	Material
P0.3	100+500/3500+100+12/64+12/64	SUS 316L
P0.5	100+400/3000+100+12/64+12/64	
P2	100+325/2400+100+12/64+12/64	
P5	100+200/1400+100+12/64+12/64	
P10	100+165/1400+100+12/64+12/64	
P20	100+165/800+100+12/64+12/64	
P40	100+50/250+100+12/64+12/64	
P75	100+200+100+12/64+12/64	
P100	100+150+100+12/64+12/64	
P150	50+100+40+20+40+100+50	SUS 316
P200	50+80+40+30+40+80+50	

Specification

■ Material

Standard material: SUS316L (SUS316)

Special material: Hastelloy®, Alloy20, SUS904L, Inconel®

■ Processing

Machining, welding, electrolytic polishing.

■ Standard size of panels

The standard sizes are 500×1,000mm, 1,000×1,000mm, 1,200×1,200mm and the thickness is all 1.7mm.

However, in case you want other size, please contact us.

■ Cleaning method

PORMET ensures reusability and longer life by vapor washing, acid pickling, on-stream backwashing, ultrasonic or high pressure jet water cleaning, furnace heat treating etc.

■ Special orders

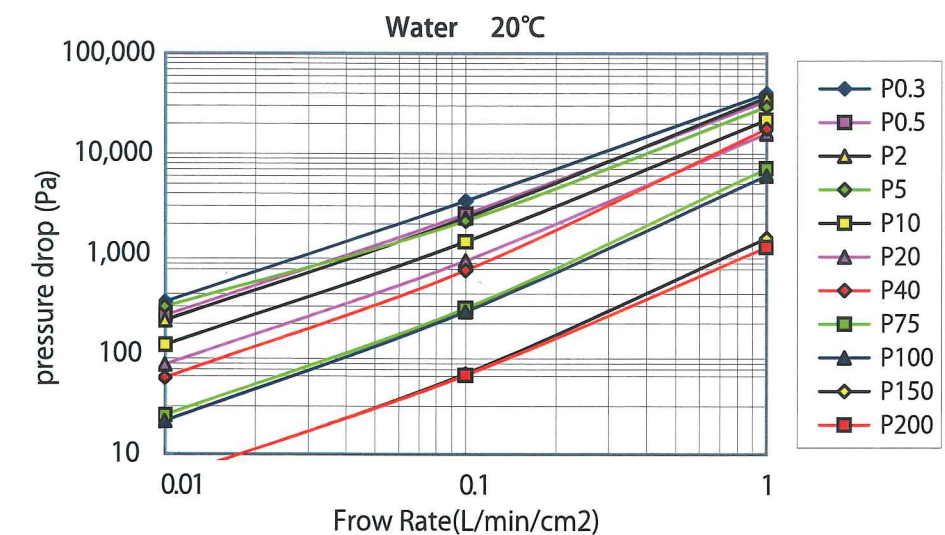
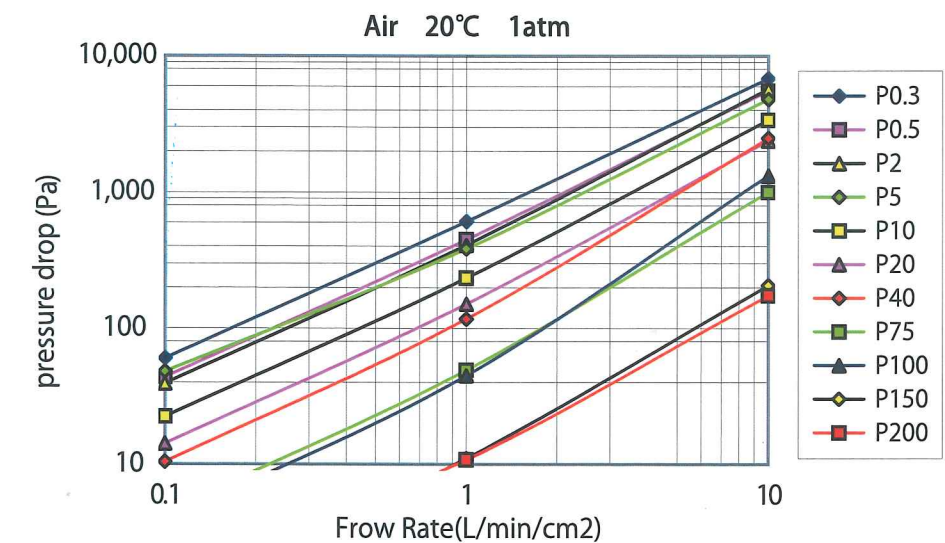
We welcome any of your request to change number of layers, thickness, etc.

* Hastelloy® is the trademark of Haynes International, Inc.

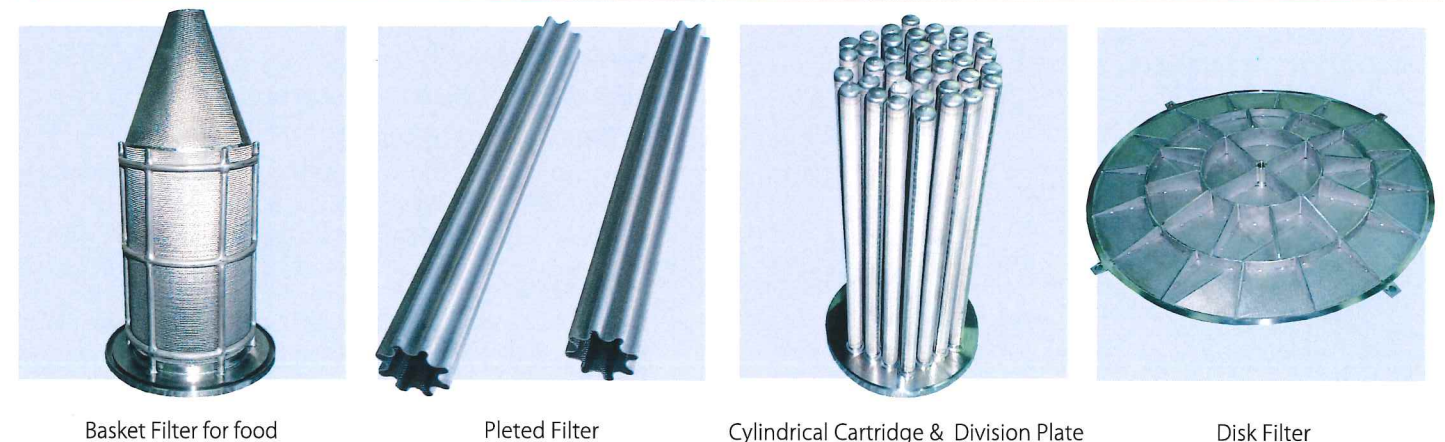
* Inconel® are the trademark of Special Metal Corporation.

PORMET Porous metal panel and tough and durable multipurpose filter media

Flow Characteristics



Application (for cartridge filter)



Basket Filter for food

Pleated Filter

Cylindrical Cartridge & Division Plate

Disk Filter