

Stainless woven screen – VilMesh SUS Series

PRODUCT DESIGN :

高品質の304ステンレス鋼メッシュで作られたVilMeshSUSは、腐食に強いです。手で曲げやすく、ハサミで切る商品です。

VilMesh SUS made from high quality 304-Stainless steel mesh resist for corrosion. Product are easily to bend by hand and cuts by scissors

PRODUCT DESCRIPTION :

- Heavy duty environment using condition
- Durable and long life service
- Light weight and simple installation and handling
- Easy to clean and maintenance

APPLICATIONS :

マイクロ定格として効果的な液体および空気ろ過、換気システムおよび塗装プロセスでの使用に変更します。

Liquid and air filtration effective as micro rating, Modify to using in ventilation systems and painting process.

PERFORMANCE :

TECHNICAL CHARACTERISTICS	VilMesh SUS	UNIT
Material	304	JIS
Mesh count	Mesh 10 – Mesh 500	Mesh / Inch
Thread diameter	1.63 – 0.026	mm.
Mesh opening / Micron rating	26 – 1630	Micron
Special material grade (Chemical resistance)	316	AISI
Standard roll Width / Length	1.0 x 30.0	m.

*Custom size wire frame cover / Aluminum frame added on request.

SPECIFICATION :

Material	304 Stainless mesh screen	Colour	Gray / SUS
Using temperature	Max. 350°C	Humidity limit	100 % rel. humidity
Regenerable	Flush with warm water 30 – 40 °C	Chemical resistance	316 Grade



FEARURES :



Vilberg
THE ULTIMATE OF AIR FILTERS

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MESH (Inch)	WIRE NO.	WIRE DIA (MM)	OPENING (MM)	OPENING (UM)
10	20	0.91	1.63	1630
50	34	0.233	0.275	275
100	42	0.101	0.153	153
150	46	0.061	0.108	108
200	47	0.051	0.076	76
250	47	0.051	0.051	51
300	48	0.041	0.044	44
400	49	0.030	0.034	34
500	50	0.025	0.026	26

Stainless Mechanical Property

ASTM Specification							
Specification	Steel Grade	Tensile Stress	Proof Stress	Elongation	Hardness	BENDABILITY	
		Tensile Stress, N/mm ² , MIN	Proof Stress, N/mm ² , MIN	Elongation, %, MIN	Hardness, HRB, MAX.	Bending Angle	Inside Radius
ASTM A240	S30100	515	205	40	95	No Require	
	S30200	515	205	40	92	No Require	
	S30400	515	205	40	92	No Require	
	S30403	485	170	40	92	No Require	

CHEMICAL COMPOSITION											
ASTM Specification											
Specification	Steel Grade	C% Max.	Si% Max.	Mn% Max.	P% Max.	S% Max.	Cr%	Ni%	Mo%	Ti%	OTHER
ASTM A240	S30100	0.15	1	2	0.045	0.03	16.00-18.00	6.00-8.00			N:0.10 Max
	S30200	0.15	0.75	2	0.045	0.03	17.00-19.00	8.00-10.00			N:0.10 Max
	S30400	0.08	0.75	2	0.045	0.03	18.00-20.00	8.00-10.5			N:0.10 Max
	S30403	0.03	0.75	2	0.045	0.03	18.00-20.00	8.00-12.00			N:0.10 Max

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