

산업용 필터전문
대영 에스 에프
DAE YOUNG SIGMA FILTER

● 회사소개 | ABOUT US

대영에스에프는 와이어메쉬(wire mesh)를 이용한 산업용필터전문 회사로서 1987년 설립한 이래, 국내외 100여개의 고객사에 제품을 공급하고 있습니다.

35년의 필터제작 노하우, 방사설비 엔지니어링기술 보유로 품질 및 가격 경쟁력을 갖춘 대영에스에프는 적극적인 네트워크 확장을 통해 고객에게 한걸음 더 다가서고자 합니다.

고객만족을 위해 끊임없이 노력하는 대영에스에프가 되겠습니다.

Since its establishment in 1987 as a company specializing in industrial filters using wire mesh, Daeyoung SF has been supplying products to over 100 domestic and overseas customers.

With 35 years of filter manufacturing know-how and quality/price competitiveness, Daeyoung SF intends to take one step closer to customers through active network expansion.

Daeyoung SF will continuously strive for customer's satisfaction.

● 연혁 | HISTORY

1987

회사설립
(대영공업사)

Established a company.
(Daeyoung Industrial)

1994

사명 변경
(대영에스에프)

Changed the company name.
(Daeyoung SF)

2002

본사 이전
(서대구이현공단)

Moved the headquarters.
(Seodaeguihyeon Industrial Complex)

2022

영업사무소 설립 예정
(수도권)

Sales office to be established.
(Metropolitan area)

● 산업적용분야 | INDUSTRIAL APPLICATION



화학섬유산업
Chemical fiber industry



석유화학산업
Petrochemical industry



자동차부품산업
Auto parts industry

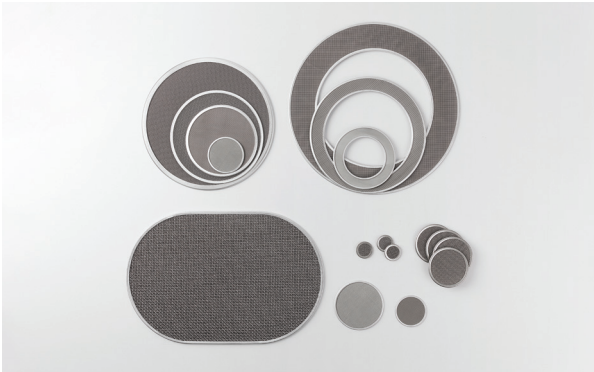


2차전지산업
Secondary battery industry



농자재 및 기타산업
Agricultural materials and other industries

● 제품 | PRODUCT



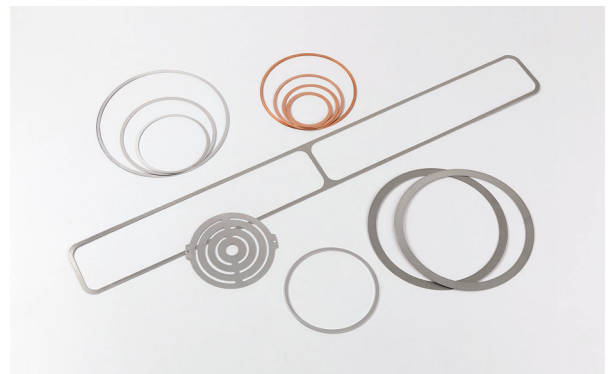
> 필터(링 타입) Filter (Ring Type)



> 필터(용접, 1매 타입) Filter (Welded, 1 Sheet Type)



> 필터(원통형 타입) Filter (Cylindrical Type)



> 가스켓 Gasket



> 렌즈링 Lens Ring



> 패킹 Packing

● 주요납품실적 | MAJOR CUSTOMERS

 KOLON INDUSTRIES

HYOSUNG TNC

 SM TK CHEMICAL

 'TORAY'
Innovation by Chemistry

 SAMSUNG
SAMSUNG SDI

 LS Cable & System

 Hanwha
Solutions

 LG Chem

 CNTUS-SUNGJIN

● 메쉬 제작 규격 | MESH WEAVING STANDARD

평직/능직

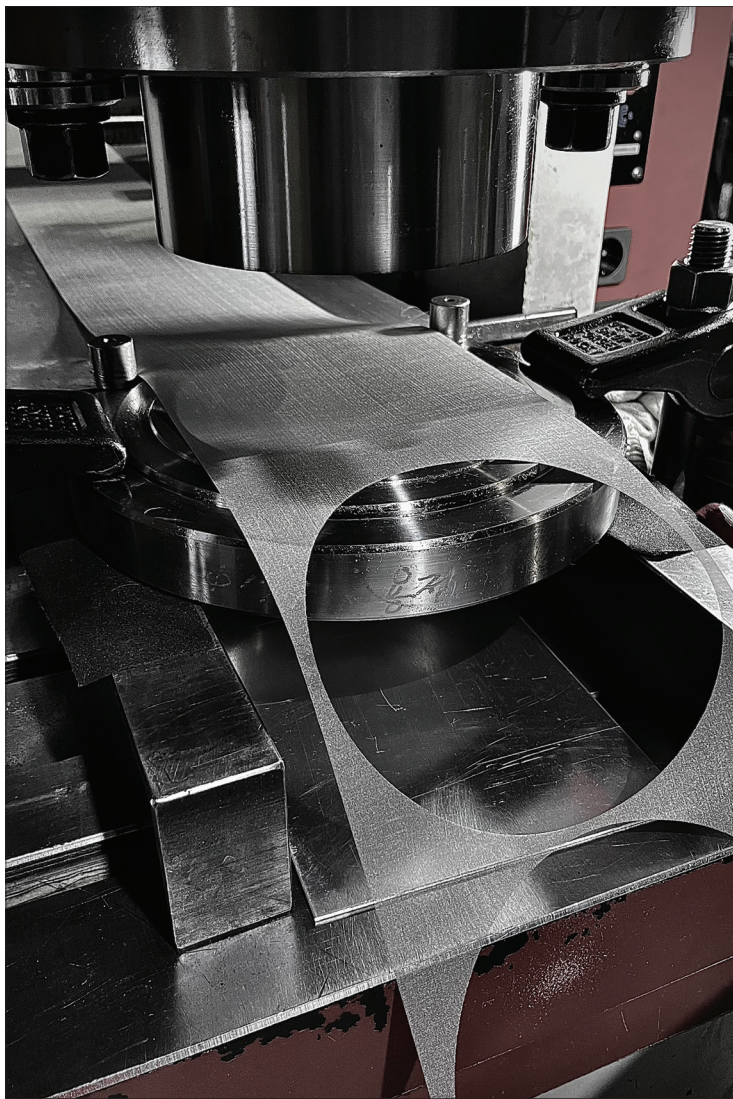
Mesh	Wire Dia	Opening	S.W.G	Open Area	Mesh	Wire Dia	Opening	S.W.G	Open Area
	(mm)	(mm)		(%)		(mm)	(mm)		(%)
10	0.6	1.94	23	58.3	60	0.16	0.263	37.5	38.7
	0.4	2.14	27.5	71	70	0.14	0.223	38.5	37.7
12	0.5	1.617	25	58.3	80	0.12	0.198	40	38.7
14	0.5	1.314	25	52.5	100	0.1	0.154	42	36.8
	0.4	1.414	27.5	60.8	120	0.08	0.132	44	38.7
16	0.5	1.088	25	46.9	150	0.065	0.104	45.5	37.7
	0.4	1.188	27.5	56	165	0.053	0.101	46.5	43
18	0.4	1.011	27.5	51.3	180	0.053	0.088	46.5	39
20	0.4	0.87	27.5	46.9	200	0.053	0.074	46.5	34
	0.35	0.92	28.5	52.5	250	0.04	0.062	48	36.8
24	0.35	0.708	28.5	44.8	300	0.04	0.045	48	27.8
30	0.23	0.617	34	53	325	0.035	0.043	48.5	30.5
32	0.23	0.564	34	50.4	350	0.035	0.038	48.5	26.8
40	0.25	0.385	33	36.8	400	0.03	0.034	49	27.8
	0.2	0.435	35	46.9	500	0.025	0.026	50	25.8
	0.18	0.455	36.5	51.3	635	0.02	0.02	-	25
50	0.18	0.328	36.5	41.7					

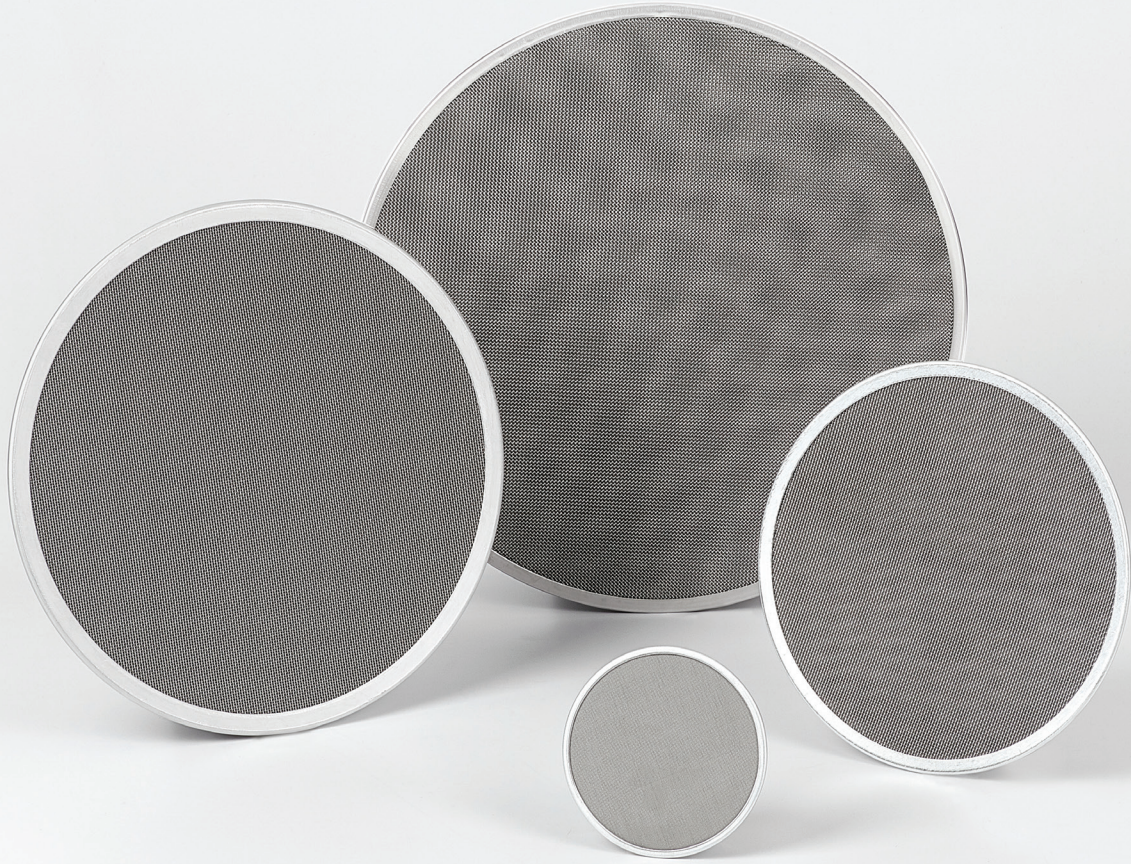
1. 메쉬(Mesh) : 직선 1인치(25.4mm)내의 망목의 수
2. 선경(Wire diameter) : 선의 굵기로 일반적으로 1/1000단위까지 표기하며, 국제규격 S.W.G 혹은 B.W.B를 사용하기도 함
3. 공간목(Opening) : 인접한 두 평행선의 거리이며, [25.4mm(1인치) ÷ 메쉬] - 선경 으로 계산
4. 공간율(Open area) : 전체망의 공간면적이 차지하는 비율이며, $\text{공간율}(\%) = \left(\frac{\text{공간목}}{\text{공간목} + \text{선경}} \right)^2 \times 100$ 로 계산

평첩직, 능첩직

Mesh		Wire Dia (mm)		Micron (μm)		Weight	Mesh		Wire Dia (mm)		Micron (μm)		Weight
Warp	Weft	Warp	Weft	Abs	Nom	(kg)	Warp	Weft	Warp	Weft	Abs	Nom	(kg)
8	85	0.36	0.33	300-320	310	2.57	50	600	0.139	0.009	60-70	50	1.64
12	64	0.6	0.42	260-280	250	3.9	80	700	0.1	0.08	45-55	35	1.44
14	88	0.5	0.32	255-275	250	3.13	100	800	0.1	0.07	36-38	30	1.35
24	110	0.35	0.25	115-128	110	2.2	120	1000	0.08	0.053	27-29	25	0.96
30	150	0.23	0.18	90-105	90	1.51	165	800	0.07	0.053	24-26	14	0.82
40	200	0.18	0.14	70-80	70	1.3	165	1450	0.07	0.04	16-18	9	0.84
50	250	0.14	0.114	52-57	55	1.03	270	2000	0.035	0.028	9-10	6	0.51
80	400	0.12	0.07	40-45	40	0.82	325	2300	0.035	0.025	8-9	5	0.4
40	400	0.18	0.139	90-110	80	2.41	500	3600	0.025	0.152	2-3	1	0.15
50	500	0.139	0.114	70-90	60	1.99							

1. Mesh : Number of meshes in 1 inch (25.4 mm) straight line
2. Wire diameter : The thickness of the line is generally expressed up to 1/1000 units, and the international standard S.W.G or B.W.G is sometimes used
3. Opening : Distance of two adjacent parallel lines, calculated as [25.4mm (1 inch) ÷ Mesh] - Wire diameter
4. Open area : It is the ratio of the total network space area, calculated as $\text{Open Area}(\%) = \left(\frac{\text{Opening}}{\text{Opening} + \text{Wire Diameter}} \right)^2 \times 100$





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