

Expanding Technology™

MicroGrid[®] Expanded Support & Primary Filter Materials

Applications & Advantages

- Support, Separation, Backing & Purification
- Economical Option to Alternative Materials
- Engineered Pore Sizes to Achieve Flow & Pressure Drop Specifications

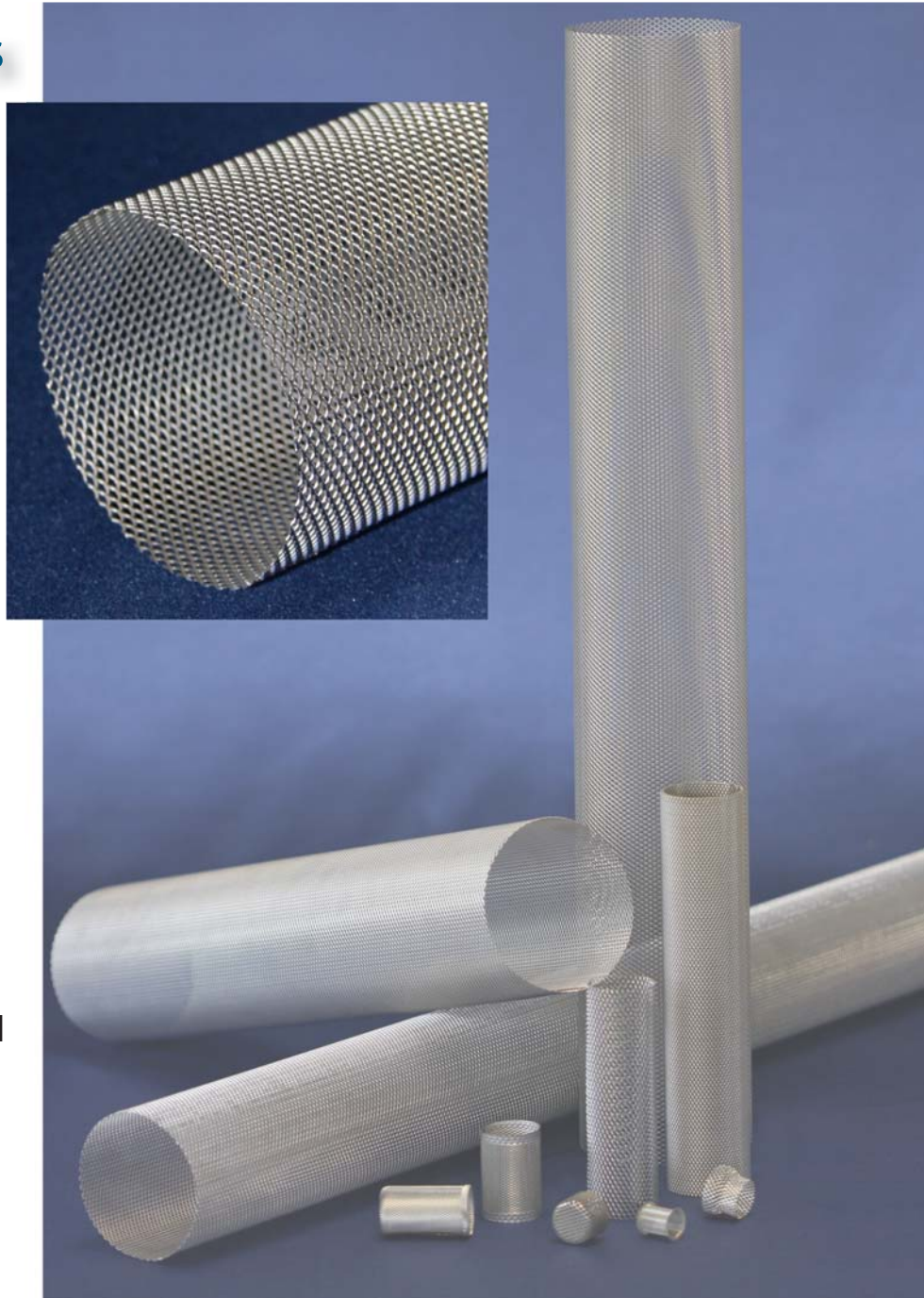
Features

- Pore Size and Thickness Down to 25 Microns
- 1300+ Openings/cm²
- Widths to 1200 mm

Common Materials

Stainless Steel, Aluminum, Nickel Alloys, Carbon Steel (FE)

Dexmet has the Capability to Expand All Ductile Metals



DEXMET CORPORATION

22 BARNES INDUSTRIAL ROAD SOUTH
WALLINGFORD, CT 06492
UNITED STATES OF AMERICA

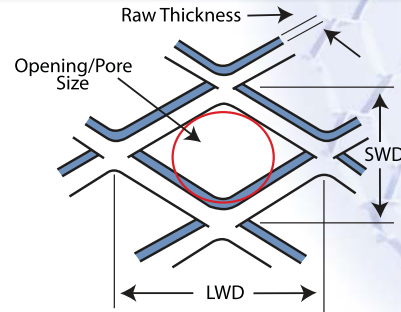
Visit Our Website For More Information

www.dexmet.com

+1-203-294-4440

NEW 6,000 Sq/Meter Facility

ISO 9001:2008 Certified



Dexmet MicroGrid® Parameters

Tool Code	LWD (mm)	SWD (mm)		Hole Size (mm)		Opening/SQCM		Open Area		Width (mm)	Raw Thickness (mm)	
		Min	Max	Min	Max	Min	Max	Min	Max		Min	Max
020	0.508	0.279	0.330	0.025	0.178	1162.79	1395.35	32%	75%	203.2	0.025	0.051
031	0.787	0.457	0.610	0.038	0.254	410.85	550.39	32%	82%	304.8	0.025	0.127
040	1.016	0.559	0.813	0.051	0.432	271.32	348.84	24%	85%	304.8	0.038	0.152
050	1.270	0.610	0.914	0.076	0.559	173.64	254.26	21%	89%	609.6	0.038	0.203
060	1.524	0.762	1.092	0.076	0.686	120.93	178.29	20%	90%	609.6	0.038	0.229
075	1.905	0.762	0.940	0.084	0.762	111.63	136.43	15%	90%	965.2	0.038	0.229
077	1.956	0.838	1.422	0.102	0.838	73.64	120.16	15%	90%	914.4	0.051	0.305
080	2.032	0.940	1.702	0.178	1.016	58.14	104.65	16%	90%	1219.2	0.051	0.356
090	2.286	1.143	1.422	0.178	1.143	62.02	77.52	16%	90%	609.6	0.051	0.356
100	2.540	1.016	1.956	0.178	1.168	38.76	73.64	16%	90%	965.2	0.051	0.432
105	2.667	1.270	1.956	0.178	1.219	38.76	54.26	20%	90%	609.6	0.051	0.457
125	3.175	1.270	2.819	0.203	1.321	23.26	50.39	20%	90%	1219.2	0.051	0.635
140	3.556	1.499	3.175	0.254	1.651	17.05	38.76	30%	90%	609.6	0.076	0.762
158	4.001	1.956	3.175	0.279	1.905	15.50	27.91	30%	90%	685.8	0.076	0.762
180	4.572	1.803	2.819	0.279	2.032	15.50	23.26	32%	90%	609.6	0.102	0.762
190	4.826	1.702	2.540	0.508	2.235	12.40	20.16	35%	90%	609.6	0.127	0.762
215	5.461	2.108	3.632	0.508	2.413	10.08	17.05	35%	90%	609.6	0.127	0.762
236	5.994	2.311	3.632	0.635	2.540	9.30	13.95	35%	90%	609.6	0.127	0.762
250	6.350	2.540	4.424	0.686	2.794	7.75	12.40	35%	90%	609.6	0.127	0.762
284	7.214	2.311	3.632	0.762	3.302	6.98	12.40	35%	90%	609.6	0.127	0.762
400	10.160	3.175	8.458	0.889	4.572	2.33	6.20	35%	90%	609.6	0.127	0.762

Consult our Sales and Engineering professionals regarding your specific application requirements.

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