



EDM Supplies, Inc.[®]

Electrodes • Tooling • Accessories

800-676-7336 • Fax 562-803-4281

www.edmsupply.com • E-mail info@edmsupply.com

SUPERGRAPH[®] GRAPHITES

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SUPERGRAPH[®] SPECIFICATIONS

Grade	Method of Manufacture	Grain Size Inch	Apparent Density (gm/cc)	Electrical Resistance (ohm/in)	Shore Scleroscope Hardness
SG-50	Iso-Molded	0.0002	1.88	0.00063	72
SG-30	Iso-Molded	0.0003	1.84	0.0006	70
SG-25	Iso-Molded	0.0003	1.82	0.0006	68
SG-20	Iso-Molded	0.0004	1.81	0.0005	65
SG-15	Molded	0.0005	1.78	0.0005	65
SG-4	Molded	0.0009	1.75	0.0007	55

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SUPERGRAPH

Grade SG-50

PLATES

Minimum dimensions

*Thickness sand finish

1/8	6	12	S56-0212
	12	12	S56-0222
3/16	6	12	S56-0312
	12	12	S56-0322
1/4	6	12	S56-0412
	12	12	S56-0422
3/8	6	12	S56-0612
	12	12	S56-0622
1/2	6	12	S56-0812
	12	12	S56-0822
5/8	6	12	S56-1012
	12	12	S56-1022
3/4	6	12	S56-1212
	12	12	S56-1222

1	6	12	S56-1612
	12	12	S56-1622
1 1/4	6	12	S56-2012
	12	12	S56-2022
1 1/2	6	12	S56-2412
	12	12	S56-2422
2	6	12	S56-3212
	12	12	S56-3222
2 1/2	6	12	S56-4012
	12	12	S56-4022
3	6	12	S56-4812
	12	12	S56-4822
4	6	12	S56-5512
	12	12	S56-9526

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SUPERGRAPH

Grade SG-30

PLATES

Minimum Dimensions

*Thickness Sand Finish

1/8	6	12	S36-0212
	12	12	S36-0222
3/16	6	12	S36-0312
	12	12	S36-0322
1/4	6	12	S36-0412
	12	12	S36-0422
3/8	6	12	S36-0612
	12	12	S36-0622
1/2	6	12	S36-0812
	12	12	S36-0822
5/8	6	12	S36-1012
	12	12	S26-1022
3/4	6	12	S36-1212
	12	12	S36-1222

1	6	12	S36-1612
	12	12	S36-1622
1 1/4	6	12	S36-2012
	12	12	S36-2022
1 1/2	6	12	S36-2412
	12	12	S36-2422
2	6	12	S36-3212
	12	12	S36-3222
2 1/2	6	12	S36-4012
	12	12	S36-4022
3	6	12	S36-4812
	12	12	S36-4822
4	6	12	S36-5512
	12	12	S36-5522

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SUPERGRAPH®

GRADE SG-25

PLATES

Minimum dimensions

*Thickness sand finish

	SIZE		CATALOG NO.
1/8	6	12	S46-0212
	12	12	S46-0222
3/16	6	12	S46-0312
	12	12	S46-0322
1/4	6	12	S46-0412
	12	12	S46-0422
3/8	6	12	S46-0612
	12	12	S46-0622
1/2	6	12	S46-0812
	12	12	S46-0822
5/8	6	12	S46-1012
	12	12	S46-1022
3/4	6	12	S46-1212
	12	12	S46-1222
1	6	12	S46-1612
	12	12	S46-1622
	12	24	S46-1624

	SIZE		CATALOG NO.
1-1/4	6	12	S46-2012
	12	12	S46-2022
	12	24	S46-2024
1-1/2	6	12	S46-2412
	12	12	S46-2422
	12	24	S46-2424
2	6	12	S46-3212
	12	12	S46-3222
	12	24	S46-3224
2-1/2	6	12	S46-4012
	12	12	S46-4022
	12	24	S46-4024
3	6	12	S46-4812
	12	12	S46-4822
	12	24	S46-4824
4	12	12	S46-5522
	12	24	S46-5524
	12	36	S46-5526
12	24	36	S46-9546

*Precision ground available

Other sizes available

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SUPERGRAPH

GRADE SG-20[®]

ROUNDS

Diameter tolerance +.005/-.000 under 3/4"

Minimum dimension 3/4" and up

DIA.	LENGTH	CATALOG NO.
1/8	12	E50-022
3/16	12	E50-032
1/4	12	E50-042
5/16	12	E50-052
3/8	12	E50-062
7/16	12	E50-072
1/2	12	E50-082
5/8	12	E50-102

DIA.	LENGTH	CATALOG NO.
3/4	12	E50-122
1	12	E50-162
1-1/4	12	E50-202
1-1/2	12	E50-242
1-3/4	12	E50-282
2	12	E50-322
2-1/2	12	E50-402
3	12	E50-482

SQUARES

Thickness tolerance +.005/-.000

SIZE	LENGTH	CATALOG NO.
1/8	12	E53-022
3/16	12	E53-032
1/4	12	E53-042
5/16	12	E53-052
3/8	12	E53-062
7/16	12	E53-072
1/2	12	E53-082
5/8	12	E53-102

SIZE	LENGTH	CATALOG NO.
3/4	12	E53-122
1	12	E53-162
1-1/4	12	E53-202
1-1/2	12	E53-242
1-3/4	12	E53-282
2	12	E53-322
3	12	E53-482

Other sizes available

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SUPERGRAPH

GRADE SG-20®

PLATES

Minimum dimensions

*Thickness sand finish

	SIZE		CATALOG NO.
1/8	6	12	E55-0212
	12	12	E55-0222
3/16	6	12	E55-0312
	12	12	E55-0322
1/4	6	12	E55-0412
	12	12	E55-0422
3/8	6	12	E55-0612
	12	12	E55-0622
1/2	6	12	E55-0812
	12	12	E55-0822
5/8	6	12	E55-1012
	12	12	E55-1022
3/4	6	12	E55-1212
	12	12	E55-1222
1	6	12	E55-1612
	12	12	E55-1622
	12	24	E56-1624

	SIZE		CATALOG NO.
1-1/2	6	12	E56-2412
	12	12	E56-2422
	12	24	E56-2424
2	6	12	E56-3212
	12	12	E56-3222
	12	24	E56-3224
2-1/2	6	12	E56-4012
	12	12	E56-4022
	12	24	E56-4024
3	6	12	E56-4812
	12	12	E56-4822
	12	24	E56-4824
4	12	12	E56-5522
	12	24	E56-5524
5	12	12	E56-6522
	12	24	E56-6524
12	12	36	E56-9526
	24	36	E56-9546

*Precision ground available

Other sizes available

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SUPERGRAPH® GRADE SG-15 PLATES

Minimum dimensions *Thickness sand finish

SIZE			CATALOG NO.
1/8	6	12	S26-0212
	12	12	S26-0222
3/16	6	12	S26-0312
	12	12	S26-0322
1/4	6	12	S26-0412
	12	12	S26-0422
3/8	6	12	S26-0612
	12	12	S26-0622
1/2	6	12	S26-0812
	12	12	S26-0822
5/8	6	12	S26-1012
	12	12	S26-1022
3/4	6	12	S26-1212
	12	12	S26-1222
1	6	12	S26-1612
	12	12	S26-1622
	12	24	S26-1624
	20	24	S26-1634
1-1/2	6	12	S26-2412
	12	12	S26-2422
	12	24	S26-2424
	20	24	S26-2434
2	6	12	S26-3212
	12	12	S26-3222
	12	24	S26-3224
	20	24	S26-3234
2-1/2	12	12	S26-4022
	12	24	S26-4024
	20	24	S26-4034

SIZE			CATALOG NO.
3	12	12	S26-4822
	12	24	S26-4824
	20	24	S26-4834
3-1/2	12	12	S26-5022
	12	24	S26-5024
	20	24	S26-5034
4	12	12	S26-5522
	12	24	S26-5524
	20	24	S26-5534
4-1/2	12	12	S26-6022
	12	24	S26-6024
	20	24	S26-6034
5	12	12	S26-6522
	12	24	S26-6524
	20	24	S26-6534
6	12	12	S26-7022
	12	24	S26-7024
	20	24	S26-7034
	24	36	S26-7046
7	12	24	S26-7524
	20	24	S26-7534
8	12	24	S26-8024
	20	24	S26-8034
9	12	24	S26-8524
	20	24	S26-8534
10	12	24	S26-9024
	20	24	S26-9034
12	12	24	S26-9524
	12	36	S26-9526
	24	36	S26-9546

*Precision ground available

Other sizes available

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SUPERGRAPH® GRADE SG-4 ROUNDS

Diameter tolerance $+.005/-0.000$ under $3/4$ "

Minimum dimension $3/4$ " and up

DIA.	LENGTH	CATALOG NO.
1/4	12	M40-042
5/16	12	M40-052
3/8	12	M40-062
7/16	12	M40-072
1/2	12	M40-082
5/8	12	M40-102
3/4	12	M40-122
7/8	12	M40-142
1	6	M40-161
	12	M40-162
1-1/4	6	M40-201
	12	M40-202

DIA.	LENGTH	CATALOG NO.
1-1/2	6	M40-241
	12	M40-242
1-3/4	6	M40-281
	12	M40-282
2	6	M40-321
	12	M40-322
2-1/4	6	M40-361
	12	M40-362
2-1/2	6	M40-401
	12	M40-402
2-7/8	6	M40-461
	12	M40-462
3	6	M40-481
	12	M40-482

SQUARES

Thickness tolerance $+.005/-0.000$

SIZE	LENGTH	CATALOG NO.
1/8	12	M43-022
1/4	12	M43-042
3/8	12	M43-062
1/2	12	M43-082
5/8	12	M43-102
3/4	12	M43-122
1	6	M43-161
	12	M43-162
1-1/4	6	M43-201
	12	M43-202
1-1/2	6	M43-241
	12	M43-242

SIZE	LGTH.	CATALOG NO.
2	6	M43-321
	12	M43-322
2-1/2	6	M43-401
	12	M43-402
3	6	M43-481
	12	M43-482
3-1/2	6	M43-501
	12	M43-502
4	6	M43-551
	12	M43-552
5	6	M43-651
	12	M43-652

Other sizes available

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SUPERGRAPH® GRADE SG-4 PLATES

Minimum dimensions *Thickness sand finish

SIZE		CATALOG NO.	
1/8	6	12	M46-0212
	12	12	M46-0222
3/16	6	12	M46-0312
	12	12	M46-0322
1/4	6	12	M46-0412
	12	12	M46-0422
5/16	6	12	M46-0512
	12	12	M46-0522
3/8	6	12	M46-0612
	12	12	M46-0622
1/2	6	12	M46-0812
	12	12	M46-0822
5/8	6	12	M46-1012
	12	12	M46-1022
3/4	6	12	M46-1212
	12	12	M46-1222
7/8	6	12	M46-1412
	12	12	M46-1422
1	6	12	M46-1612
	12	12	M46-1622
	12	24	M46-1624
	20	24	M46-1634
1-1/4	6	12	M46-2012
	12	12	M46-2022
1-1/2	6	12	M46-2412
	12	12	M46-2422
1-3/4	6	12	M46-2812
	12	12	M46-2822
2	6	12	M46-3212
	12	12	M46-3222
	12	24	M46-3224
	20	24	M46-3234
2-1/4	6	12	M46-3612
	12	12	M46-3622

SIZE		CATALOG NO.	
2-1/2	6	12	M46-4012
	12	12	M46-4022
2-3/4	6	12	M46-4412
	12	12	M46-4422
3	6	12	M46-4812
	12	12	M46-4822
	12	24	M46-4824
	20	24	M46-4834
3-1/2	6	12	M46-5012
	12	12	M46-5022
4	6	12	M46-5512
	12	12	M46-5522
	12	24	M46-5524
	20	24	M46-5534
4-1/2	12	12	M46-6022
	12	12	M46-6522
5	12	24	M46-6524
	20	24	M46-6534
	12	12	M46-7022
6	12	24	M46-7024
	20	24	M46-7034
	12	12	M46-7522
7	12	24	M46-7524
	20	24	M46-7534
	12	12	M46-8022
8	12	24	M46-8024
	20	24	M46-8034
	12	12	M46-8522
9	12	24	M46-8524
	20	24	M46-8534
	12	12	M46-9022
10	12	24	M46-9024
	12	12	M46-9522
12	12	24	M46-9524
	24	36	M46-9546

*Precision ground available

Other sizes available

Please call for price and availability