

A Practical Solution to Your Wear Problems



Saint-Gobain specializes in providing wear solutions that can extend the life of your equipment and keep your systems at maximum operational levels. Our industrial workhorse (and most frequently specified wear material) is Durafrax® 2000, our own custom-designed alumina ceramic. Developed by Saint-Gobain engineers, Durafrax® 2000 is a 90% fine-grain, high grade alumina made from exceptionally pure, uniformly controlled aluminum oxide. We have engineered it to be one of the best wear materials available for fine particle abrasion.

Durafrax® 2000 offers excellent mechanical properties, superior wear resistance, and good corrosion performance. Saint-Gobain manufactures Durafrax® 2000 90% alumina tile in a variety of standard sizes and shapes that can be installed economically in the shop or in the field. Our engineers are industry leaders in application techniques, and they will work with you to determine the appropriate attachment method for your operating environment.



Standard Tile Shapes

LxWxT Size (Inches)	(mm)	Pieces Per Carton	Part No Weld-Al	Part No. Plain	Pieces Per Square Foot
6x4x¼	152,4 X 101,6 X 6,4	72	NIA	78.1282.03	6
6x4x½	152,4 X 101,6 X 12,7	18	72.2248-06CR	78.1282.06	6
6x4x¾	152,4 X 101,6 X 19,1	24	72.2248-07CR	78.1282.07	6
6x4x1	152,4 X 101,6 X 25,4	9	72.2248-08CR	78.1282.08	6
6x4x2	152,4 X 101,6 X 50,8	9	72.2248-12CR	78.1282.12	6
6x2x¼	152,4 X 50,8 X 6,4	144	NIA	78.1303.03	12
6x2x½	152,4 X 50,8 X 12,7	72	72.2255-06CR	78.1303.06	12
6x2x¾	152,4 X 50,8 X 19,1	48	72.2255-07CR	78.1303.07	12
6x2x1	152,4 X 50,8 X 25,4	36	72.2255-08CR	78.1303.08	12
6x2x2	152,4 X 50,8 X 50,8	18	72.2255-12CR	78.1303.12	12
3x4x¼	76,2 X 101,6 X 6,4	144	NIA	72.2392.03	12
3x4x½	76,2 X 101,6 X 12,7	72	72.2829-06CR	72.2392.06	12
3x4x¾	76,2 X 101,6 X 19,1	48	72.2829-07CR	72.2392.07	12
3x4x1	76,2 X 101,6 X 25,4	36	72.2829-08CR	72.2392.08	12
3x4x2	76,2 X 101,6 X 50,8	18	72.2829-12CR	72.2392.12	12

Standard Tile Shapes

LxWxT Size (Inches)	(mm)	Pieces Per Carton	Part No Weld-Al	Part No. Plain	Pieces Per Square Foot
4x4x $\frac{1}{8}$	101,6 X 101,6 X 3,2	144	N/A	78.0960.01	9
4x4x $\frac{1}{4}$	101,6 X 101,6 X 6,4	72	N/A	78.0960.03	9
4x4x $\frac{1}{2}$	101,6 X 101,6 X 12,7	36	72.2251-06CR	78.0960.06	9
4x4x $\frac{3}{4}$	101,6 X 101,6 X 19,1	27	72.2251-07CR	78.0960.07	9
4x4x1	101,6 X 101,6 X 25,4	18	72.2251-08CR	78.0960.08	9
9x4 $\frac{1}{2}$ x $\frac{1}{2}$	228,6 X 114,3 X 12,7	15	72.2253-06CR	78.0979.06	3.56
9x4 $\frac{1}{2}$ x $\frac{3}{4}$	228,6 X 114,3 X 19,1	10	72.2253-07CR	78.0979.07	3.56
9x4 $\frac{1}{2}$ x1	228,6 X 114,3 X 25,4	8	72.2253-08CR	78.0979.08	3.56
9x4 $\frac{1}{2}$ x2	228,6 X 114,3 X 50,8	4	72.2253-12CR	78.0979.12	3.56
4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x $\frac{1}{2}$	114,3 X 114,3 X 12,7	30	72.2252-06CR	72.1774.06	7.11
4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x $\frac{3}{4}$	114,3 X 114,3 X 19,1	20	72.2252-07CR	72.1774.07	7.11
4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x1	114,3 X 114,3 X 25,4	16	72.2252-08CR	72.1774.08	7.11
4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x2	114,3 X 114,3 X 50,8	8	72.2252-12CR	72.1774.12	7.11
4x2x $\frac{1}{4}$	101,6 X 50,8 X 6,4	144	NIA	78.1503.03	18
4x2x $\frac{1}{2}$	101,6 X 50,8 X 12,7	108	72.2257-06CR	78.1503.06	18
4x2x $\frac{3}{4}$	101,6 X 50,8 X 19,1	82	72.2257-07CR	78.1503.07	18
4x2x1	101,6 X 50,8 X 25,4	54	72.2257-08CR	78.1503.08	18

Platelets

LxWxT Size (Inches)	(mm)	Pieces Per Carton	Saint Gobain Part No.	Pieces Per Square Foot
1x1x $\frac{1}{8}$	25,4 X 25,4 X 3,2	2,536	78.0909-11	144
1x1x $\frac{1}{4}$	25,4 X 25,4 X 6,4	1,270	78.0909-15	144
2x1x $\frac{1}{8}$	50,8 X 25,4 X 3,2	1,168	78.1273-01	72
2x1x $\frac{1}{4}$	50,8 X 25,4 X 6,4	635	78.1273-03	72
2x2x $\frac{1}{8}$	50,8 X 50,8 X 3,2	As Ordered	78.1382-01	36
2x2x $\frac{1}{4}$	50,8 X 50,8 X 6,4	As Ordered	78.1382-03	36
2x2x $\frac{1}{2}$	50,8 X 50,8 X 12,7	As Ordered	78.1382-06	36
3x1x $\frac{1}{8}$	76,2 X 25,4 X 3,2	750	78.1275-01	48
3x1x $\frac{1}{2}$	76,2 X 25,4 X 12,7	375	78.1275-03	48
4x1x $\frac{1}{8}$	101,6 X 25,4 X 3,2	600	78.1243-01	36
4x1x $\frac{1}{4}$	101,6 X 25,4 X 6,4	300	78.1243-03	36
4x1x $\frac{1}{2}$	101,6 X 25,4 X 12,7	150	78.1243-06	36
6x1x $\frac{1}{4}$	152,4 X 25,4 X 6,4	288	72.5264-03	24
6x1x $\frac{1}{2}$	152,4 X 25,4 X 12,7	144	72.5264-06	24
6x1x1	152,4 X 25,4 X 25,4	72	72.5264-08	24

We Sell Solutions

Analyzing a wear problem is a complex process. Our design engineers understand wear problems and specify solutions to suit your operational environment. Material properties, engineering tolerances, attachment methods, and material cost are all considered in a Saint-Gobain wear solution

APPLICATIONS

- Chutes/Hoppers
- Classifier
- Cyclone Separators
- Elbows
- Fan Housing & Blades
- Lined Piping
- Nozzles
- Wear Panels

MARKETS

- Coal-Fired Power Generation
- Abrasive Material Handling
- Chemical Processing
- Cement
- Iron/Steel Manufacturing
- Mineral Processing
- Powder/Bulk Solids Conveying
- Pulp & Paper Manufacturing
- Pulverizing & Grinding
- Grain Handling



Hexagonal Tile

Hexagonal tile comes in 6" 6" sections mounted on flexible backing to conform to irregular surfaces. Four sections make up one square foot.

Saint-Gobain Part Number	Thickness	Square Feet Per Carton
58.2063-01	1/8" 3.2mm	13
58.2063-03	1/4" 6.4mm	7
58.2063-05	3/8" 9.5mm	5
58.2063-06	1/2" 12.7mm	4

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