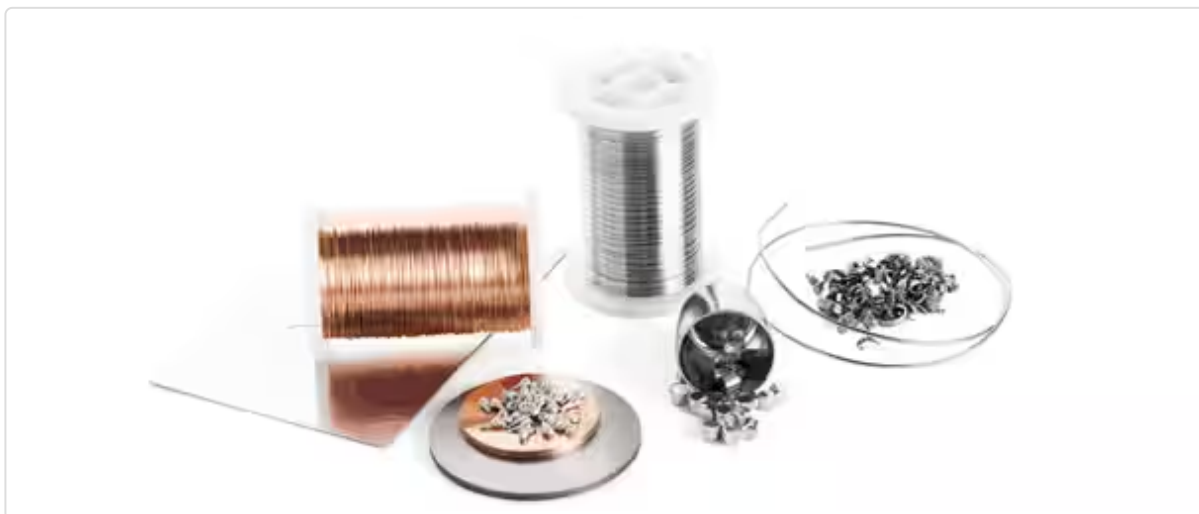


# Metal Gauzes



Alfa Aesar is pleased to offer here our line of pure metal and alloy gauzes for your catalysis needs. The optimal performance of the catalyst alloy and pure metal wire is obtained when the metal wires are woven, or knitted, in the form of a gauze. Precious metal gauzes are often used for the catalytic combustion of ammonia or are employed for the production of cyanic acid (HCN) which is used as the raw material in the manufacture of sodium cyanide (NaCN), potassium cyanide (KCN) and methacrylic acid ester. Platinum Rhodium alloy gauzes have been used since 1909 in the commercial production of nitric acid.

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## Analytical chemistry

Accuracy, purity, quality >



46581	(1,5-Cyclooctadiene)iridium(I) 2,4-pentanedionate
46714	Aluminum Magnesium gauze , alloy 5056, 16 mesh woven from 0.24mm (0.0095in) dia wire
46579	Aluminum Magnesium gauze , alloy 5056, 20 mesh woven from 0.23mm (0.009in) dia wire
40906	Aluminum Magnesium gauze, alloy 5056, 30 mesh woven from 0.23mm (0.009in) dia wire
45143	Brass gauze, alloy 260, 20 mesh woven from 0.41mm (0.016in) dia wire
45187	Brass gauze, alloy 260, 80 mesh woven from 0.14mm (0.0055in) dia wire; Cu:Zn; 70:30 wt%
45188	Bronze gauze, alloy 220, 100 mesh woven from 0.11mm (0.0045in) in dia wire
45145	Bronze gauze, alloy 220, 150 mesh woven from 0.066mm (0.0026in) in dia wire
45223	Bronze gauze, alloy 220, 200 mesh woven from 0.053mm (0.0021in) in dia wire
45144	Bronze gauze, alloy 220, 20 mesh woven from 0.41mm (0.016in) in dia wire
45166	Bronze gauze, alloy 220, 40 mesh woven from 0.25mm (0.01in) in dia wire
45230	Bronze gauze, alloy 220, 60 mesh woven from 0.19mm (0.0075in) in dia wire
45209	Bronze gauze, alloy 220, 80 mesh woven from 0.14mm (0.0055in) in dia wire
46415	Carpenter 20® gauze, 100 mesh woven from 0.1mm (0.004in) dia wire

46526	Carpenter 20 gauze, 12 mesh woven from 0.58mm (0.023in) dia wire
46339	Carpenter 20® gauze, 40 mesh woven from 0.25mm (0.01in) dia wire
45186	Copper gauze, 100 mesh woven from 0.11mm (0.0045in) dia wire
46515	Copper gauze, 10 mesh woven from 0.15mm (0.006in) dia wire
46603	Copper gauze, 140 mesh woven from 0.056mm (0.0022in) dia wire
42777	Copper gauze, 20 mesh woven from 0.41mm (0.016in) dia wire
46834	Copper gauze, 30 mesh woven from 0.15mm (0.006in) dia wire
40907	Copper gauze, 40 mesh woven from 0.056mm (0.0022in) dia wire
39713	Copper gauze, 50 mesh woven from 0.23mm (0.009in) dia wire
45142	Copper gauze, 60 mesh woven from 0.19mm (0.0075in) dia wire
45164	Copper gauze, 80 mesh woven from 0.14mm (0.0055in) dia wire
46416	Duplex 2209, 20 mesh woven from 0.3mm (0.012mm) dia wire
46525	Duplex 2209, 60 mesh woven from 0.15mm (0.006mm) dia wire
40931	Gold gauze, 100 mesh woven from 0.064mm (0.0025in) dia wire, 99.99% (metals basis)
40930	Gold gauze, 52 mesh woven from 0.102mm (0.004in) dia wire, 99.99% (metals basis)
40586	Gold gauze, 82 mesh woven from 0.06mm (0.0025in) dia wire, 99.9% (metals basis)
40940	Hastelloy C® gauze, 100 mesh woven from 0.102mm (0.004in) dia wire

46563	Hastelloy C® gauze, 10 mesh woven from 0.64mm (0.025in) dia wire
40938	Hastelloy C® gauze, 20 mesh woven from 0.23mm (0.009in) dia wire
46690	Hastelloy C® gauze, 40 mesh woven from 0.19mm (0.0075in) dia wire
40939	Hastelloy C® gauze, 60 mesh woven from 0.112mm (0.0044in) dia wire
46815	Hastelloy C® gauze, 80 mesh woven from 0.1mm (0.004in) dia wire
46610	Haynes® 25 gauze, 100 mesh woven from 0.076mm (0.003in) dia wire
46645	Haynes® 25 gauze, 20 mesh woven from 0.13mm (0.005in) dia wire
46892	Haynes® 25 gauze, 30 mesh woven from 0.28mm (0.011in) dia wire
45069	Inconel® 600 gauze, 100 mesh woven from 0.102mm (0.004in) dia wire
46453	Inconel® 600 gauze, 10 mesh woven from 0.64mm (0.025in) dia wire
46791	Inconel® 600 gauze, 200 mesh woven from 0.05mm (0.002in) dia wire
46510	Inconel® 600 gauze, 20 mesh woven from 0.41mm (0.016in) dia wire
46745	Inconel® 600 gauze, 40 mesh woven from 0.25mm (0.01in) dia wire
40912	Molybdenum gauze, 100 mesh woven from 0.0636mm (0.0025in) dia wire

46606	Molybdenum gauze, 40 mesh woven from 0.13mm (0.005in) dia wire
40911	Molybdenum gauze, 50 mesh woven from 0.0509mm (0.002in) dia wire
45063	Monel® 400 gauze, 100 mesh woven from 0.1mm (0.004in) dia wire
45064	Monel® 400 gauze, 200 mesh woven from 0.05mm (0.0021in) dia wire
45141	Monel® 400 gauze, 20 mesh woven from 0.41mm (0.016in) dia wire
45163	Monel® 400 gauze, 40 mesh woven from 0.25mm (0.01in) dia wire
45207	Monel® 400 gauze, 80 mesh woven from 0.14mm (0.0055in) dia wire
40941	Nickel Chromium gauze, 40 mesh woven from 0.25mm (0.01in) dia wire
44128	Nickel gauze, 100 mesh woven from 0.1mm (0.004in) dia wire
39704	Nickel gauze, 20 mesh woven from 0.18mm (0.007in) dia wire
39703	Nickel gauze, 40 mesh woven from 0.13mm (0.005in) dia wire
40914	Nickel gauze, 50 mesh woven from 0.05mm (0.002in) dia wire
45099	Nickel gauze, 60 mesh woven from 0.18mm (0.007in) wire
40916	Niobium gauze, 40 mesh woven from 0.178mm (0.007in) dia wire

44698	Palladium Nickel gauze, 50 mesh woven from 0.1578mm (0.0062in) dia wire
10282	Platinum gauze, 100 mesh woven from 0.0762mm (0.003in) dia wire, 99.9% (metals basis)
41814	Platinum gauze, 45 mesh woven from 0.198mm (0.0078in) dia wire, 99.9% (metals basis)
10283	Platinum gauze, 52 mesh woven from 0.1mm (0.004in) dia wire, 99.9% (metals basis)
46966	Platinum gauze, Unimesh N7433, expanded metal mesh, 0.34mm (0.013in) thick
40934	Platinum Iridium gauze, 150 mesh woven from 0.043mm (0.0017in) dia wire
12217	Platinum Rhodium gauze, 80 mesh woven from 0.076mm (0.003in) dia wire, 99.9% (metals basis)
12216	Platinum Rhodium Palladium gauze, 80 mesh knitted from 0.076mm (0.003in) dia wire, 99.9% (metals basis)
44449	Silver gauze, 20 mesh woven from 0.356mm (0.014in) dia wire
40935	Silver gauze, 50 mesh woven from 0.0764mm (0.003in) dia wire
40936	Silver gauze, 80 mesh woven from 0.115mm (0.0045in) dia wire, 99.9% (metals basis)
46628	Stainless Steel gauze, 100 mesh woven from 0.025mm (0.001in) dia wire, Type 304
46703	Stainless Steel gauze, 100 mesh woven from 0.11mm (0.0045in) dia wire, Type 316
42010	Stainless Steel gauze, 150 mesh woven from 0.066mm (0.0026in) dia wire, Type 304
13476	Stainless Steel gauze, 200 mesh woven from 0.05mm (0.002in) dia wire, Type 304
45002	Stainless Steel gauze, 200 mesh woven from 0.05mm (0.002in) dia wire, Type 316
40943	Stainless Steel gauze, 20 mesh woven from 0.102mm (0.004in) dia wire, Type 316

40942	Stainless Steel gauze, 20 mesh woven from 0.382mm (0.015in) dia wire, Type 304
46715	Stainless Steel gauze, 325 mesh woven from 0.036mm (0.0014in) dia wire, Type 316
42012	Stainless Steel gauze, 400 mesh woven from 0.028mm (0.0011in) dia wire, twilled weave, Type 304
13478	Stainless Steel gauze, 40 mesh woven from 0.25mm (0.01in) dia wire, Type 304
45140	Stainless Steel gauze, 500 mesh woven from 0.02mm (0.0009in) dia wire, Type 304
13477	Stainless Steel gauze, 80 mesh woven from 0.127mm (0.005in) dia wire, Type 304
46574	Stainless Steel gauze, 80 mesh woven from 0.14mm (0.0055in) dia wire, Type 316
46695	Tantalum gauze, 100 mesh woven from 0.08mm (0.003in) dia wire, twilled weave
43965	Tantalum gauze, 30 mesh woven from 0.076mm (0.003in) dia wire
40928	Tantalum gauze, 50 mesh woven from 0.076mm (0.003in) dia wire
46720	Tantalum gauze, 80 mesh woven from 0.08mm (0.003in) dia wire
46406	Titanium gauze, 100 mesh woven from 0.05mm (0.002in) dia wire
40918	Titanium gauze, 20 mesh woven from 0.076mm (0.003in) dia wire
40919	Titanium gauze, 30 mesh woven from 0.102mm (0.004in) dia wire
40920	Titanium gauze, 40 mesh woven from 0.127mm (0.005in) dia wire
40921	Titanium gauze, 50 mesh woven from 0.102mm (0.004in) dia wire

40925	Tungsten gauze, 100 mesh woven from 0.0509mm (0.002in) dia wire
40922	Tungsten gauze, 20 mesh woven from 0.127mm (0.005in) dia wire
40923	Tungsten gauze, 30 mesh woven from 0.1018mm (0.004in) dia wire
46412	Tungsten gauze, 40 mesh woven from 0.025mm (0.001in) dia wire
40926	Tungsten gauze, gold plated, 50 mesh woven from 0.025mm (0.001in) dia wire

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