

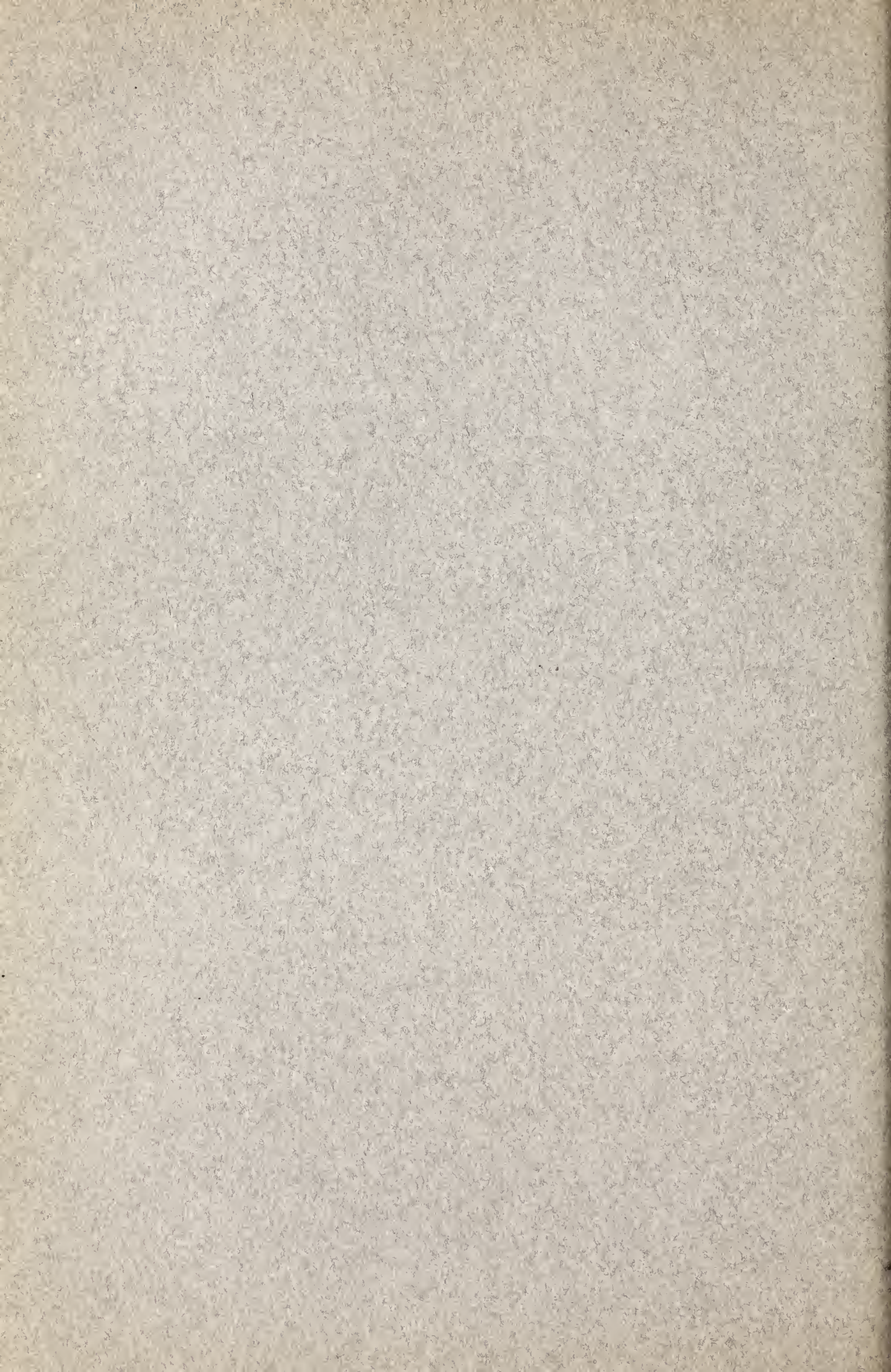
DEPARTMENT OF COMMERCE

BUREAU OF STANDARDS

George K. Burgess, Director

**ALPHABETICAL INDEX and NUMERICAL LIST
OF UNITED STATES GOVERNMENT MASTER
SPECIFICATIONS, PROMULGATED BY THE
FEDERAL SPECIFICATIONS BOARD**

CIRCULAR OF THE BUREAU OF STANDARDS, No. 319



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January 25, 1927

Supersedes Miscellaneous Publication No. 73



PRICE 10 CENTS

Sold only by the Superintendent of Documents, Government Printing Office
Washington, D. C.

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON

1927

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² The latest revision is shown by small letters, a, b, c, etc. The complete Federal Specifications Board number should be given, thus, 243a ("a" indicates a first revision, "b" a second revision, and so on.)

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¹ Bureau of Mines Technical Paper No. 323A.

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Iron bar, wrought, refined.....	391	-----	*Mace (condiments).....	364	-----
Iron boiler tubes, lap welded, charcoal.....	349	-----	*Mackerel, salted (sea food).....	365	-----
Iron castings, gray.....	141	-----	Magnesia asbestos plaster.....	211	-----
Iron castings, high test gray (semi-steel).....	140	-----	Magnesia cement, plastic (magnesia-oxychloride) used as flooring, bases, wainscots, etc.....	445	-----
Iron castings, malleable.....	378	-----	Magnesia molded pipe covering and blocks.....	212	-----
Iron, pig, foundry.....	126	-----			
Iron or steel unions, malleable.....	393	-----			
Iron and steel welding wire.....	174	-----			
Ironware, enameled (plumbing fixtures for land use) (price, 15 cents).....	448	C310			
*Jams, assorted (fruits and fruit products).....	270	-----			
*Jelly (fruits and fruit products).....	270	-----			
*Kale (vegetables).....	271	-----			
Kerosene (lubricants and liquid fuels) (price, 15 cents).....	2c	(1)			

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Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.
Manganese bronze castings	370		Ore, manganese	142	
Manganese bronze ingots (for remelting)	89		Oxide, leaded zinc, dry and paste	9	C88
Manganese, ferro	138		Oxide, zinc, dry and paste	8	C87
Manganese ore	142		(Oxychloride, magnesia), plastic magnesia cement, used as flooring, bases, wainscots, etc.	445	
Manholes (plumbing fixtures for land use) (price, 15 cents)	448	C310	*Oysters, fresh (sea food)	365	
*Marmalade (fruits and fruit products)	270		Packing, asbestos high pressure rod	103a	C238
Matches, safety (full size in boxes)	428		Packing, asbestos metallic cloth sheet	94a	C243
Matting, rubber	382	C306	Packing, asbestos sheet, compressed	96a	C241
Matting, rubber, for use around electrical apparatus or circuits not exceeding 3,000 volts to ground	414	C312	Packing, asbestos valve stem	95	
			Packing, diaphragm	98a	C240
Meal, alfalfa, corn (feeds and forage)	25b		Packing, fabric condenser tube	99	
Measuring devices, liquid, retail type	362		Packing, fiber, for lubricating and fuel oil	100	
*Meat and meat food products	267		Packing, flax	101a	C239
Metals, general specification for	339		Packing, low-pressure spiral gland	104a	C237
Metal (monomethyl-para amino-phenol sulphate)	421		Packing, metallic (fixed ring type)	105	
Middlings, standard and flour (feeds and forage)	25b		Packing, metallic, flexible	102	
*Milk, fresh, evaporated, dried, and malted, condensed (dairy products)	381		Packing, metallic, plastic	106	
Millboard, asbestos	54		Packing, semimetallic	107	
*Mincedmeat (miscellaneous provisions)	389		Packing, metallic, solid (floating ring type)	108	
Mineral filler for sheet asphalt or asphaltic concrete pavements (Portland cement, limestone dust, and dolomite dust)	463		Packing rings for boiler blow-off valves	109	
Molybdenum, ferro	143		Packing, rubber, cloth insertion	110a	C236
*Mustard, ground (condiments)	364		Packing, rubber, wire insertion	112a	C234
*Mutton, fresh (meat and meat food products)	267		Packing, tucks	113a	C233
Nail pullers	418		Packings, rubber, and gaskets (molded, sheet, and strip)	111a	C235
Nickel, for remelting	371		Padlocks	413	
Nickel silver, rods, bars, shapes, plates, sheets, and strips (German silver)	468		Pads and stands, calendar	366	
Nickel steel, structural	372		Pads, surgical operating	230a	C245
*Nutmeg (condiments)	364		Paint, black, semipaste and ready mixed	14	C94
*Nuts (miscellaneous provisions)	389		Paint drier, liquid	20	C105
*Oatmeal (cereals and cereal products)	317		Paint, green, semipaste and ready mixed	15	C97
Oats (feeds and forage)	25b		Paint, lithopone, flat interior, white and light tints	21	C111
*Oats, rolled (cereals and cereal products)	317		Paint, lithopone, gloss interior, white and light tints	67	C147
Ocher, dry and paste	12	C91	Paint, olive drab (semipaste and ready mixed)	137	C165
Oil, cottonseed (edible grade)	73		Paint, outside white titanium-zinc (semipaste and ready mixed)	278	C215
Oil, linseed, raw, refined, and boiled	4	C82	Paint, white, and tinted paints made on a white base, semipaste and ready mixed	10	C89
Oil, olive (edible grade)	77		Paints, composite, vehicle for thinning semipaste, when the use of straight linseed oil is not justified	17	C102
Oil, road, for hot application (type OH-1-25)	275		Paints, iron oxide and iron hydroxide	13	C93
Oils, burning, electric switch, fuel, lubricating, and mineral (lubricants and liquid fuels) (price, 15 cents)	2c	(1)	Paints, thinning, volatile mineral spirits for	16	C98
*Oleomargarine (dairy products)	381a		Paper, blotting, 25 per cent rag, white and colored	127a	
*Onions, green, staple (vegetables)	271		Paper, blotting, desk, colored	128a	
*Oranges (fruits and fruit products)	270		Paper, blotting, white and colored	327	
Ore, chrome, ground	125				

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Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.
Paper, blue print, No. 1 grade (sensitized and unsensitized)	179	-----	*Pickles (condiments)	364	-----
Paper, blue print, No. 2 grade (sensitized and unsensitized)	180	-----	Pigment, titanium, dry and paste	115	C163
Paper, blue print, No. 3 grade (sensitized and unsensitized)	181	-----	Pillowcases, cotton, bleached	305	C277
Paper, bond, 50 per cent rag, white and colored	320	-----	Pillowcases, rubber	231	C224
Paper, bond, 100 per cent rag, white	319	-----	Pillows, air, rubber	232a	C252
Paper, bond, sulphite, white and colored	328	-----	Pinch bars, crow and chisel	434	-----
Paper, brown process (sensitized and unsensitized)	182a	-----	*Pineapples, fresh, canned (fruits and fruit products)	270	-----
Paper, carbon, black, lightweight (for typewriter use)	425	-----	Pipe, brass, seamless, iron pipe size, standard and extra strong	342a	-----
Paper, carbon, black, standard weight (for typewriter use)	426	-----	Pipe, cast iron, soil, and fittings, coated and uncoated	343	-----
Paper, chart	129a	-----	Pipe, copper, seamless, and tubing, copper, seamless, standard iron pipe size	287	-----
Paper fasteners, brass	377	-----	Pipe covering and blocks, magnesia molded	212	-----
Paper, flint	385	-----	Pipe cutters	437	-----
Paper, garnet	386	-----	Pipe threads	238	-----
Paper, general specification for	394	-----	Pipe, welded steel (black and galvanized)	162a	-----
Paper, ledger, 75 per cent rag, white and colored	322	-----	Pipe, wrought iron (welded) (black and galvanized)	242	-----
Paper, ledger, 100 per cent rag, heavy, white	330	-----	*Pitchers, sirup (glass tableware)	121a	-----
Paper, ledger, 100 per cent rag, white	321	-----	Pitchers, water, cream and ice, (tableware, silver-plated)	411	-----
Paper, manifold, 50 per cent rag, white and colored	331	-----	Plaster board, gypsum	285	C210
Paper, manifold, 100 per cent rag, white and colored	323	-----	Plaster, gypsum	247	C205
Paper, map, lithograph-finish	324	-----	Plaster, magnesia asbestos	211	-----
Paper, map, 50 per cent rag, lithograph-finish	325	-----	Plates, copper, bars, rods, shapes, sheets, and strips	467	-----
Paper, map, 75 per cent rag, lithograph-finish	326	-----	Plates, nickel silver, rods, bars, shapes, sheets, and strips (German silver)	468	-----
Paper, mimeograph	130a	-----	Plumbing fixtures (for land use) (price, 15 cents)	448	C310
Paper, mimeograph, 50 per cent rag	131a	-----	*Plums (fruits and fruit products)	270	-----
Paper, wrapping, kraft	177a	-----	Polish, liquid metal	341	-----
Paper, wrapping, rope manila	133a	-----	Polish, silver	390	-----
Paper, wrapping, sulphite manila	178a	-----	Polishing paste	340	-----
Paper, wrapping, wood manila	132a	-----	Porcelain ware (plumbing fixtures for land use) (price, 15 cents)	448	C310
Paper, writing, sulphite, white and colored	329	-----	*Pork, fresh, frozen, sausage (meat and meat food products)	267	-----
*Parsley (vegetables)	271	-----	*Potatoes, irish, sweet (vegetables)	271	-----
*Parsnips (vegetables)	271	-----	Pots, coffee, tea, chocolate (tableware, silver-plated)	411	-----
Paste, office and library	412	-----	Powder, insect (pyrethrum powder)	353	-----
Paste, polishing	340	-----	Powder, soap	28	C125
Pavement construction, asphalt for use in road and	276a	-----	*Powders, baking, tartaric acid (miscellaneous provisions)	389	-----
*Peaches, fresh, canned and evaporated (fruits and fruit products)	270	-----	Preservatives, wood, and processes of treatment	395	-----
*Pears, fresh, canned and evaporated (fruits and fruit products)	270	-----	*Preserves (fruits and fruit products)	270	-----
*Peas, green in pods and canned (vegetables)	271	-----	*Provisions:		
*Pepper (condiments)	364	-----	*Cereals and cereal products	317	-----
*Peppers, green, sweet (vegetables)	271	-----	*Coffee, tea, and cacao products	161	-----
Petroleum asphalt for joint filler (squeeze or pouring method) type PA F-1-25	277	-----	*Condiments	364	-----
Petroleum ether	310	-----	*Dairy products	381a	-----
Phosphor copper	118	-----	*Fruits (fresh, canned, and dried) and fruit products	270	-----
Phosphor tin	116	-----	*Meat and meat food products	267	-----
			*Miscellaneous provisions	389	-----
			*Sea food (fresh, salt, smoked, and canned)	365a	-----
			*Sugar and sugar products	315	-----
			*Vegetables (fresh, canned, and dried)	271	-----

Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.
*Prunes, canned, evaporated (fruits and fruit products).....	270		Roofing, construction of built-up, type 4TWS.....	154	C178
Pullers, nail.....	418		Roofing, construction of built-up, type 5ACS.....	150	C174
Pulleys (builders' hardware) (price, 15 cents).....	336	C275	Roofing, construction of built-up, type 5AWS.....	147	C171
*Pumpkins, fresh, canned (vegetables).....	271		Roofing, construction of built-up, type 5TCS.....	153	C177
Putty.....	283	C216	Roofing, construction of built-up, type 5TWS.....	155	C179
Pyrethrum powder (insect powder).....	353		Roofing, installation of metal flashings with built-up bituminous.....	156	C180
Quicklime for structural purposes.....	250	C201	Roofing, installation of plastic flashings with bituminous built-up.....	157	C181
Radio receiving electron tubes.....	410		Roofing, prepared, asbestos and asphalt, slate-surfaced.....	423	
*Radishes, fresh (vegetables).....	271		Roofing and shingles, asphalt prepared, slate-surfaced.....	296	C285
Rag felt for asphalt saturated roofing and waterproofing.....	86	C161	Roofing, surfacing materials for bituminous built-up.....	82	C158
Rag felt for flashings, asphalt saturated.....	295	C286	Rope, cotton.....	447	
Rags, colored cotton, for wiping machinery (sterilized).....	259	C261	Rope, manila.....	61a	
Rags, white cotton, for wiping machinery (sterilized).....	261	C264	Rope, wire (price, 15 cents).....	297	C208
*Raisins (fruits and fruit products).....	270		Rubber aprons, surgeons'.....	215a	C247
Red lead, dry and paste.....	11	C90	Rubber bandages.....	219	C219
Refractories, plastic fire-clay.....	335a	C297	Rubber bands.....	64a	C284
Refrigerators.....	274		Rubber catheters.....	222	C225
*Rhubarb, fresh (vegetables).....	271		Rubber cement for medical rubber goods.....	223	
Ribbons, computing and recording machine.....	169	C188	Rubber covered wires and cables for ordinary purposes.....	65	
Ribbons, hectograph.....	168	C187	Rubber dam.....	228	C218
Ribbons, typewriter.....	167	C186	Rubber finger cots.....	224	C226
*Rice (cereals and cereal products).....	317		Rubber gloves for electrical workers (for use in connection with apparatus or circuits not exceeding 3,000 volts to ground).....	312	C271
Ring cushions, cloth-inserted.....	226a	C254	Rubber gloves, surgeons'.....	229	C217
Ring cushions, rubber.....	227a	C246	Rubber goods, general specification for (methods of physical tests and chemical analysis) (price, 10 cents).....	59a	C232
Rings, rubber, jar.....	51		Rubber hose, metal gasoline.....	136a	C269
Road oil for hot application (type OH-1-25).....	275		Rubber hot-water bottles.....	221a	C248
Road and pavement construction, asphalt for use in.....	276a		Rubber ice bags.....	217	C227
Road surface materials, for topsoil or sand-clay.....	452		Rubber jar rings.....	51	
Rods, copper, bars, shapes, plates, sheets, and strips.....	467		Rubber-lined fire hose, cotton (couplings and gaskets).....	38b	C114
Rods, nickel silver, bars, shapes, plates, sheets, and strips (German silver).....	468		Rubber matting.....	382	C306
Rods, welding, nonferrous, for gas welding.....	269		Rubber matting, for use around electrical apparatus or circuits not exceeding 3,000 volts to ground.....	414	C312
Roof coating, asphalt fibrous.....	424		Rubber packing, cloth-insertion.....	110a	C236
Roofing, asphalt for mineral surfaced.....	84	C159	Rubber packing, wire-insertion.....	112a	C234
Roofing, asphalt prepared.....	214	C192	Rubber packings and gaskets (molded, sheet, and strip).....	111a	C235
Roofing, asphalt primer for, and waterproofing.....	87	C162	Rubber pillowcases.....	231	C224
Roofing, asphalt saturated rag felt for, and waterproofing.....	86	C161	Rubber pillows, air.....	232a	C252
Roofing, asphalt for unsurfaced built-up.....	88	C168	Rubber ring cushions.....	227a	C246
Roofing, coal-tar pitch for.....	80	C157	Rubber sheeting.....	233a	C253
Roofing, coal-tar saturated rag felt for, and waterproofing.....	81	C156	Rubber stoppers.....	383	C308
Roofing, construction of built-up, type 3ACS.....	148	C172	Rubber syringe, fountain.....	235a	C251
Roofing, construction of built-up, type 3TCS.....	151	C175	Rubber tape, insulating.....	292	C230
Roofing, construction of built-up, type 4ACS.....	149	C173	Rubber tips for crutches.....	225	C223
Roofing, construction of built-up, type 4AWS.....	146	C170	Rubber tubing.....	39b	C305
Roofing, construction of built-up, type 4TCS.....	152	C176	Rubber valves.....	114a	C244
			Rulers, desk.....	360	

Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.
Rules.....	419	-----	Shingles and roofing, asphalt prepared, slate-surfaced.....	296	C285
Rust-preventive compound, heavy.....	239	C200	*Shortening, vegetable (dairy products).....	381	-----
Rust-preventive compounds, medium and light.....	293	C214	Shorts, brown and gray (feeds and forage).....	25b	-----
Safes, burglar-resisting.....	363	-----	Shower fixtures (plumbing fixtures for land use) (price, 15 cents).....	448	C310
Safes and cabinets, insulated.....	60	-----	Silicon copper.....	119	-----
*Sage (condiments).....	364	-----	Silicon, ferro.....	145	-----
(Sal ammoniac), ammonium chloride.....	446	-----	Silver, nickel, rods, bars, shapes, plates, sheets, and strips (German silver).....	468	-----
*Salmon, canned (sea food).....	365	-----	Silver solder.....	307	-----
*Salt (condiments).....	364	-----	Sinks (plumbing fixtures for land use) (price, 15 cents).....	448	C310
Sand for cement grout filler, brick and stone block pavements.....	461	-----	*Sirup, sugar cane, sugar and maple, blended, corn and refiner's (sugar and sugar products).....	315	-----
Sand for cement mortar bed for brick, stone block or wood block pavements.....	462	-----	Sizes of hosiery, measuring.....	92	-----
Sands for use in sheet asphalt or bituminous concrete pavements.....	460	-----	Slag, broken, and broken stone for binder course, sheet asphalt pavement.....	459	-----
*Sardines, canned (sea food).....	365a	-----	Slag, broken, and broken stone for bituminous concrete base or surface course.....	458	-----
*Sauce, apple (fruits and fruit products).....	270	-----	Slag, broken, and broken stone for bituminous macadam base or surface course.....	457	-----
*Sauce, Chili and Worcestershire type (condiments).....	364	-----	Slag, broken, broken stone, or gravel for bituminous surface treatment.....	455	-----
*Sauerkraut, canned (vegetables).....	271	-----	Slag, broken and broken stone for waterbound base or wearing course.....	456	-----
*Sausage, bologna, frankfurter, pork, and vienna styles (meat and meat-food products).....	267	-----	Slate (plumbing fixtures for land use) (price, 15 cents).....	448	C310
Saw blades, hack.....	415	-----	Slate-surfaced asphalt and asbestos prepared roofing.....	423	-----
Saw, hand, sets.....	440	-----	Slate-surfaced, asphalt prepared roofing and shingles.....	296	C285
Scales, railroad-track.....	314	-----	Sleeves, dredging.....	42	-----
*Scallions, green (vegetables).....	271	-----	Slicks, gouges and chisels, wood-workers'.....	438	-----
Scissors, shears and.....	361	-----	(Snips), tinners' hand shears.....	451	-----
Scrapers, crumb (tableware, silver-plated).....	411	-----	Soap, automobile.....	30	C127
Screws, wood.....	52	C140	Soap, chip.....	31	C128
Scribers, machinists'.....	441	-----	Soap, grit, cake.....	33a	C130
*Sea food (fresh, salt, smoked, and canned).....	365a	-----	Soap, grit, hand.....	35	C132
Seams, stitches and stitching (price, 20 cents).....	384	C283	Soap, laundry, ordinary.....	32	C129
Sets, hand saw.....	440	-----	Soap, liquid.....	27	C124
Shades, window, shade cloth, rollers, slats, and cords.....	367	-----	Soap, liquid (for laundry use).....	246	C193
*Shakers, salt and pepper (glass tableware).....	121a	-----	Soap powder.....	28	C125
Shakers, salt and pepper (tableware, silver-plated).....	411	-----	Soap, powdered (for laundry use).....	245	C195
Shapes, copper, bars, rods, plates, sheets, and strips.....	467	-----	Soap, salt-water.....	29	C126
Shapes, nickel silver, rods, bars, plates, sheets, and strips (German silver).....	468	-----	Soap, scouring compound, scouring compounds for floors.....	34	C131
Shaves, spoke.....	450	-----	Soap, toilet, milled.....	244	C194
Shears and scissors.....	361	-----	Soap, white, floating (for toilet use).....	26	C123
Shears, tinners', hand (snips).....	451	-----	Soapstones (plumbing fixtures for land use) (price, 15 cents).....	448	C310
Sheeting, cotton, bleached wide.....	303	C273	Soda ash.....	429	C314
Sheeting, cotton, brown.....	301	C272	*Soda, baking (sodium bicarbonate) (miscellaneous provisions).....	389	-----
Sheeting, cotton, brown wide.....	302	C278			
Sheeting, rubber.....	233a	C253			
Sheets, copper, bars, rods, shapes, plates, and strips.....	467	-----			
Sheets, cotton, bleached (medium and high count sheeting).....	304	C274			
Sheets, nickel silver, rods, bars, shapes, plates, and strips (German silver).....	468	-----			
Shellac, flake orange.....	375	C302			
Shellac varnish.....	376	C303			

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Soda, caustic (lye) for cleaning purposes	430	C315	Sweep, floor, hair	400	
Soda, laundry (washing soda)	431	C316	Switches, knife	175	
Sodium carbonate, granular (monohydrate crystals)	432	C317	Switches, snap	62	
Sodium cyanide (for use as an insecticide in fumigation)	355		Syringe, cloth-inserted fountain	234a	C250
Sodium fluoride (insecticide)	354		Syringe, rubber fountain	235a	C251
Solder, silver	307		*Tableware, glass	121a	
Solder, spelter (for brazing)	306		Tableware, silver-plated	411	
Solder, tin-lead	313		*Tangerines (fruits and fruit products)	270	
Soldering coppers	439		Tanks, hot water (plumbing fixtures for land use) (price, 15 cents)	448	C310
*Spaghetti (cereals and cereal products)	317		Tape, friction	291	C229
Spelter solder (for brazing)	306		Tape, rubber-insulating	292	C230
Spelter (zinc slab)	91		*Tapioca (cereals and cereal products)	317	
*Spices, ground (condiments)	364		Tar, coal, pitch for roofing	80	C157
Spiegeleisen	273		Tar, coal, pitch for waterproofing and damp proofing	83	C155
*Spinach, fresh, canned (vegetables)	271		Tar, coal, saturated rag felt for roofing and waterproofing	81	C156
Spoons, dessert, soup, tea, and table (tableware, silver-plated)	411		Tar, refined, for construction	282	
Spring bottom, adjustable (Gatch frame)	189		Tar, refined, for hot application (type TH-1-25)	280	
*Squash, summer, winter, or Hubbard (vegetables)	271		Tar for use in repair work	281	
Steel blooms, billets, slabs, and bars for reforging, carbon and alloy	316		Tars for cold application	279	
Steel castings	170		*Tea, coffee, and cacao products	161	
Steel (semi), high-test gray iron castings	140		Tent duck (special construction for bleaching or dyeing, grey)	160	C167
Steel, structural, for bridges	351		Textile materials, general specification for (methods of physical and chemical tests)	345	C293
Steel, structural, for buildings	352		Thermometers, clinical	309	
Steel, structural, for cars	373		Threads, pipe	238	
Steel, structural nickel	372		*Thyme (condiments)	364	
Steel unions, malleable, or iron	393		Tin-lead solder	313	
Steel welding wire, iron and	174		Tin, phosphor	116	
*Sterilizers, dressing containers and stands, portable lockers for use in conjunction with sterilizers, electric heaters, and steam sterilizing apparatus	68a		Tin, pig	90	
Stitches, seams, and stitching (price, 20 cents)	384	C283	Tips for crutches, rubber	225	C223
Stone, broken, broken slag for bituminous concrete base or surface course	458		Tires, pneumatic, solid, and inner tubes	3b	C115
Stone, broken, and broken slag for bituminous macadam base or surface course	457		Titanium, ferro	144	
Stone, broken, broken slag, or gravel for bituminous surface treatment	455		Titanium pigment, dry and paste	115	C163
Stone, broken, and broken slag for binder course, sheet asphalt pavement	459		Titanium-zinc paint, outside white (semipaste and ready mixed)	278	C215
Stone, broken, and broken slag for waterbound base or wearing course	456		*Tomatoes, fresh, canned (vegetables)	271	
Stoppers, rubber	383	C308	*Tongue, beef, canned (meat and meat-food products)	267	
Straw (feeds and forage)	25b		Toothbrush	202	
Strips, copper, rods, bars, shapes, sheets, and plates	467		Towels, huck (with woven name)	422	C313
Strips, nickel silver, bars, rods, shapes, plates, and sheets (German silver)	468		Trays (tableware, silver-plated)	411	
*Sugar and sugar products (Sulphate, mono-methyl-para-aminophenol) metal	421		Trays, office sectional furniture, cabinets, and	359	
			Tube, colon	236	C221
			Tube, stomach or lavage	237	C220
			Tubes, boiler, iron, lap welded charcoal	349	
			Tubes, boiler, lap welded and seamless steel	347	
			Tubes, condenser, and tubes for ferrule stock (Admiralty metal)	374	
			Tubes, inner, pneumatic tires, solid tires and	3b	C115
			Tubes, radio receiving electron	410	
			Tubing, brass, seamless	427	
			Tubing, copper, seamless, and pipe, copper, seamless, standard iron pipe size	287	

Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.
Tubing, flexible, nonmetallic.....	57	-----	Water heaters (plumbing fixtures for land use) (price, 15 cents)....	448	C310
Tubing, rubber.....	39b	C305	*Watermelons (fruits and fruit products).....	270	-----
*Tumbler (glass tableware).....	121a	-----	Waterproofing, asphalt for, and damp proofing.....	85	C160
*Tuna fish, canned (sea food).....	365a	-----	Waterproofing, asphalt primer for roofing and.....	87	C162
Tureens, soup (tableware, silver-plated).....	411	-----	Waterproofing, asphalt saturated rag felt for roofing and.....	86	C161
*Turkeys, fresh, chilled and frozen (meat and meat food products).....	267	-----	Waterproofing, asphalt-saturated, woven cotton fabric for.....	294	C287
*Turnips, white and yellow (vegetables).....	271	-----	Waterproofing, coal-tar pitch for, and damp proofing.....	83	C155
Turpentine (gum spirits of turpentine and steam distilled wood turpentine).....	7b	C86	Waterproofing, coal-tar saturated rag felt for roofing and.....	81	C156
Unions, malleable iron or steel.....	393	-----	Waterproofing material, integral, water-repellent type (for use with Portland cement mortar or concrete).....	444	-----
Urinals (plumbing fixtures for land use) (price, 15 cents).....	448	C310	Wax, paraffin (lubricants and liquid fuels) (price, 15 cents)....	2c	(1)
Valves (plumbing fixtures for land use) (price, 15 cents).....	448	C310	Wax, sealing.....	420	-----
Valves, rubber.....	114a	C244	Welding rods, nonferrous for gas welding.....	269	-----
Vanadium, ferro.....	135	-----	Wheat, red dog, grain (feeds and forage).....	25b	-----
Varnish, asphalt.....	19	C104	Wire rope (price, 15 cents).....	297	C208
Varnish, interior.....	22	C117	Wire, welding, iron and steel.....	174	-----
Varnish, shellac.....	376	C303	Wires and cables, rubber covered, for ordinary purposes.....	65	-----
Varnish, spar, water resisting.....	18b	C103	Wood preservatives, and processes of treatment.....	395	-----
*Veal, fresh (meat and meat food products).....	267	-----	Wool waste, colored.....	264a	C260
*Vegetables (fresh, canned, and dried).....	271	-----	*Yeast (miscellaneous provisions).....	389	-----
*Vermicelli (cereals and cereal products).....	317	-----	Zinc oxide, dry and paste.....	8	C87
*Vinegars (condiments).....	364	-----	Zinc oxide, leaded, dry, and paste.....	9	C88
Vitrified chinaware.....	243a	-----	Zinc paint, titanium, outside white (semipaste and ready mixed).....	278	C215
Waiters (tableware, silver-plated).....	411	-----	Zinc slab (spelter).....	91	-----
Wall board, gypsum.....	284	C211			
Waste, cotton, colored.....	263a	C263			
Waste, cotton, white.....	262a	C262			
Waste, wool, colored.....	264a	C260			
Water closets (plumbing fixtures for land use) (price, 15 cents)....	448	C310			

¹ Bureau of Mines Technical Paper 323A.

NUMERICAL LIST OF SPECIFICATIONS

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
1	C83	Portland cement. (Price, 10 cents.)	36a	C134	Fire extinguishing liquid (carbon tetrachloride base).
2c	(1)	Lubricants and liquid fuels and methods for testing. (Price, 15 cents.)	37	C148	Leather belting.
			38b	C114	Cotton rubber-lined fire hose (couplings and gaskets).
3b	C115	Pneumatic tires, solid tires, and inner tubes.	39b	C305	Tubing, rubber.
4	C82	Linseed oil, raw, refined, and boiled.	40b	C290	Gas hose.
5	C84	Basic carbonate white lead, dry and paste.	41b	C307	Hose, pneumatic.
			42	-----	Dredging sleeves.
			43	-----	Air-brake and signal hose and gaskets.
6	C85	Basic sulphate white lead, dry and paste.	44b	C289	Divers' hose.
			45	-----	Spray hose.
7b	C86	Turpentine (gum spirits of turpentine and steam distilled wood turpentine).	46c	C288	Hose, tender (corrugated).
			47	-----	Chemical hose.
8	C87	Zinc oxide, dry and paste.	48b	C291	Water and wash deck hose.
9	C88	Leaded zinc oxide, dry and paste.	49b	C268	Steam hose.
10	C89	White paint and tinted paints made on a white base, semi-paste and ready mixed.	50a	C292	Water suction hose (smooth bore).
			51	-----	Rubber jar rings.
11	C90	Red lead, dry and paste.	52	C140	Wood screws.
12	C91	Ocher, dry and paste.	53	C136	Numbered cotton duck.
13	C93	Iron oxide and iron hydroxide paints.	54	-----	Asbestos millboard.
			55	-----	Cutout bases.
14	C94	Black paint, semipaste and ready mixed.	56	-----	Nonrefillable cartridge inclosed fuses.
15	C97	Green paint, semipaste and ready mixed.	57	-----	Flexible nonmetallic tubing.
			58	C139	Dry cells.
16	C98	Volatile mineral spirits for thinning paints.	59a	C232	General specifications for rubber goods (methods of physical tests and chemical analysis). (Price, 10 cents.)
17	C102	Composite vehicle for thinning semipaste paints when the use of straight linseed oil is not justified.	60	-----	Insulated safes and cabinets.
18b	C103	Varnish, spar, water resisting.	61a	-----	Rope, Manila.
19	C104	Asphalt varnish.	62	-----	Snap switches.
20	C105	Liquid paint drier.	63b	C209	Hose, oil suction and discharge.
			64a	C284	Rubber bands.
21	C111	Flat interior lithopone paint, white and light tints.	65	-----	Rubber covered wires and cables for ordinary purposes.
22	C117	Interior varnish.	66	C146	Water resisting red enamel.
23	C13	Large tungsten filament incandescent electric lamps.	67	C147	Gloss interior lithopone paint, white and light tints.
24	-----	Lumber (grading and inspection rules, adopted by the various lumber manufacturing associations of the United States).	68a	-----	Sterilizers, dressing containers and stands, portable lockers for use in conjunction with sterilizers, electric heaters and steam sterilizing apparatus.
25b	-----	Feeds and forage.	69	-----	Cancelled Apr. 8, 1926.
26	C123	White floating soap (for toilet use).	70	-----	Do.
27	C124	Liquid soap.	71	-----	Do.
28	C125	Soap powder.	72	-----	Do.
29	C126	Salt water soap.	73	-----	Cottonseed oil (edible grade).
30	C127	Automobile soap.	74	-----	Cancelled Apr. 8, 1926.
			75	-----	Do.
31	C128	Chip soap.	76	-----	Do.
32	C129	Ordinary laundry soap.	77	-----	Olive oil (edible grade).
33a	C130	Soap, grit cake.	78	-----	Cancelled Apr. 8, 1926.
34	C131	Scouring compounds, for floors, and soap scouring compound.	79	-----	Do.
35	C132	Hand grit soap.	80	C157	Coal-tar pitch for roofing.

¹ Bureau of Mines Technical Paper No. 323A.

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
81	C156	Coal-tar saturated rag felt for roofing and waterproofing.	126	-----	Foundry pig iron.
82	C158	Surfacing materials for bituminous built-up roofing.	127a	-----	25 per cent rag blotting paper, white and colored.
83	C155	Coal-tar pitch for waterproofing and damp proofing.	128a	-----	Desk blotting paper, colored.
84	C159	Asphalt for mineral surfaced roofing.	129a	-----	Chart paper.
85	C160	Asphalt for waterproofing and damp proofing.	130a	-----	Mimeograph paper.
86	C161	Asphalt saturated rag felt for roofing and waterproofing.	131a	-----	50 per cent rag mimeograph paper.
87	C162	Asphalt primer for roofing and waterproofing.	132a	-----	Wood manila wrapping paper.
88	C168	Asphalt for unsurfaced built-up roofing.	133a	-----	Rope manila wrapping paper.
89	-----	Manganese bronze ingots (for remelting).	134	-----	Aluminum ingot.
90	-----	Pig tin.	135	-----	Ferrovandium.
91	-----	Slab zinc (spelter).	136a	C269	Rubber-metal gasoline hose.
92	-----	Measuring sizes of hosiery.	137	C165	Olive drab paint (semipaste and ready mixed).
93	-----	Asbestos-copper gaskets, corrugated.	138	-----	Ferromanganese.
94a	C243	Asbestos metallic cloth sheet packing.	139	-----	Ferrocrome.
95	-----	Asbestos valve stem packing.	140	-----	High test gray iron castings (semisteel).
96a	C241	Compressed asbestos sheet packing.	141	-----	Gray iron castings.
97a	C242	Asbestos metallic cloth gaskets.	142	-----	Manganese ore.
98a	C240	Diaphragm packing.	143	-----	Ferromolybdenum.
99	-----	Fabric condenser tube packing.	144	-----	Ferrotitanium.
100	-----	Fiber packing for lubricating and fuel oil.	145	-----	Ferrosilicon.
101a	C239	Flax packing.	146	C170	Construction of built-up roofing, type 4AWS.
102	-----	Flexible metallic packing.	147	C171	Construction of built-up roofing, type 5AWS.
103a	C238	Asbestos high pressure rod packing.	148	C172	Construction of built-up roofing, type 3ACS.
104a	C237	Low pressure spiral gland packing.	149	C173	Construction of built-up roofing, type 4ACS.
105	-----	Metallic packing (fixed ring type).	150	C174	Construction of built-up roofing, type 5ACS.
106	-----	Plastic metallic packing.	151	C175	Construction of built-up roofing, type 3TCS.
107	-----	Semimetallic packing.	152	C176	Construction of built-up roofing, type 4TCS.
108	-----	Solid metallic packing (floating ring type).	153	C177	Construction of built-up roofing, type 5TCS.
109	-----	Packing rings for boiler blow-off valves.	154	C178	Construction of built-up roofing, type 4TWS.
110a	C236	Cloth-insertion rubber packing.	155	C179	Construction of built-up roofing, type 5TWS.
111a	C235	Rubber packings and gaskets (molded, sheet and strip).	156	C180	Installation of metal flashings with bituminous built-up roofing.
112a	C234	Wire-insertion rubber packing.	157	C181	Installation of plastic flashings with bituminous built-up roofing.
113a	C233	Tucks packing.	158	-----	Hair felt.
114a	C214	Rubber valves.	159	C166	Light weight duck (Army duck, grey).
115	C163	Titanium pigment, dry and paste.	160	C167	Tent duck (special construction for bleaching or dyeing, grey).
116	-----	Phosphor tin.	161	-----	*Coffee, tea, and cacao products
117	-----	Pig lead.	162a	-----	Pipe, welded steel (black and galvanized).
118	-----	Phosphor copper.	163	C182	Record and copying ink.
119	-----	Silicon copper.	164	C183	Writing ink.
120	-----	Ingot copper.	165	C184	Red ink.
121a	-----	*Tableware, glass.	166	C185	Stamp pad ink.
122	-----	Glass lantern globes and lamp chimneys.	167	C186	Typewriter ribbons.
123	C164	Flat glass for glazing purposes.	168	C187	Hectograph ribbons.
124	-----	Hand chemical fire extinguisher (1 quart carbon tetrachloride type).	169	C188	Computing and recording machine ribbons.
125	-----	Ground chrome ore.	170	-----	Steel castings.

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
171a	-----	Ship chain.	226a	C254	Cloth-inserted ring cushions.
172	-----	Bronze castings.	227a	C246	Rubber ring cushions.
173a	-----	Aluminum bronze ingots (for remelting).	228	C218	Rubber dam.
174	-----	Welding wire, iron and steel.	229	C217	Surgeons' rubber gloves.
175	-----	Knife switches.	230a	C245	Surgical operating pads.
176	-----	Renewable cartridge inclosed fuses.	231	C224	Rubber pillow cases.
177a	-----	Kraft wrapping paper.	232a	C252	Rubber air pillows.
178a	-----	Sulphite manila wrapping paper.	233a	C253	Rubber sheeting.
179	-----	No. 1 grade blue-print paper (sensitized and unsensitized).	234a	C250	Cloth-inserted fountain syringe.
			235a	C251	Rubber fountain syringe.
180	-----	No. 2 grade blue print paper (sensitized and unsensitized).	236	C221	Colon tube.
			237	C220	Stomach or lavage tube.
			238	-----	Pipe threads.
181	-----	No. 3 grade blue print paper (sensitized and unsensitized).	239	C200	Heavy rust-preventive compound.
182a	-----	Paper, brown process (sensitized and unsensitized).	240	-----	Folding canvas cot.
183	C212	Upholstery leather.	241	C198	Sole leather.
184	C213	Lace leather.	242	-----	Wrought iron pipe (welded) (black and galvanized).
185	-----	General service bed.	243a	-----	Chinaware, vitrified.
186	-----	Standard hospital bed.	244	C194	Milled toilet soap.
187	-----	Surgical bed.	245	C195	Powdered soap (for laundry use).
188	-----	Folding hospital cot.	246	C193	Liquid soap (for laundry use).
189	-----	Adjustable spring bottom (Gatch frame).	247	C205	Gypsum plaster.
190	-----	Liberty steel cot.	248	C206	Calcined gypsum.
191	-----	Brush, blacking and dauber.	249	C204	Hydrated lime for structural purposes.
192	-----	Brush, casting.	250	C201	Quicklime for structural purposes.
193	-----	Brush, clothes scrubbing.	251a	C255	Cheesecloth for wiping purposes.
194	-----	Brush, cuspidor.	252b	C258	Cheesecloth, unbleached.
195	-----	Brush, dauber, long paddle.	253a	C257	Cheesecloth, bleached or semi-bleached.
196	-----	Brush, deck scrubbing.	254a	C256	Brown denim (shrunk).
197	-----	Brush, hand floor scrubbing	255a	C259	Brown denim (unshrunk).
198	-----	Brush, hair, military.	256b	C265	Denim, indigo blue (shrunk).
199	-----	Brush, radiator dusting.	257a	C266	Indigo blue denim (unshrunk).
200	-----	Brush, shaving.	258a	C270	Mercerized cotton airplane cloth, grade A.
201	-----	Brush, sidewalk.	259	C261	Colored cotton rags for wiping machinery (sterilized).
202	-----	Brush, tooth.	260	C267	Wiping cloths.
203	-----	Brush, window.	261	C264	White cotton rags for wiping machinery (sterilized).
204	-----	Broom, rattan push.	262a	C262	Cotton waste, white.
205	-----	Broom, rattan (upright).	263a	C263	Cotton waste, colored.
206	-----	Broom, scrubbing.	264a	C260	Wool waste, colored.
207	-----	Broom, wire push.	265	C196	Black waterproof drawing ink.
208a	-----	Duster, counter.	266a	C197	Indeible marking ink for fabrics.
209	C191	Battleship linoleum.	267	-----	*Meat and meat-food products.
210	C190	Plain, inlaid, and printed linoleum.	268a	C299	Brick, fire-clay.
211	-----	Magnesia asbestos plaster.	269	-----	Rods, welding, nonferrous, for gas welding.
212	-----	Magnesia molded pipe covering and blocks.	270	-----	*Fruits (fresh, canned, and dried) and fruit products.
213	-----	Hand chemical fire extinguishers (soda-and-acid type).	271	-----	*Vegetables (fresh, canned, and dried).
214	C192	Asphalt prepared roofing.	272	-----	Naval and commercial brass castings.
215a	C247	Surgeons' rubber aprons.	273	-----	Spiegeliesen.
216	C228	Helmet shaped ice bag.	274	-----	Refrigerators.
217	C227	Rubber ice bags.	275	-----	Road oil for hot application (type OH-1-25).
218	C222	Politzer bags.			
219	C219	Rubber bandages.			
220a	C249	Cloth-inserted hot water bottle.			
221a	C248	Rubber hot water bottles.			
222	C225	Rubber catheters.			
223	-----	Rubber cement for medical rubber goods.			
224	C226	Rubber finger cots.			
225	C223	Rubber tips for crutches.			

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
276a		Asphalt for use in road and pavement construction.	321		100 per cent rag ledger paper, white.
277		Petroleum asphalt for joint filler (squeegee or pouring method), Type PAF-1-25.	322		75 per cent rag ledger paper, white and colored.
278	C215	Outside white titanium-zinc paint (semipaste and ready mixed).	323		100 per cent rag manifold paper, white and colored.
279		Tars for cold application.	324		Lithograph-finish map paper.
280		Refined tar for hot application (type TH-1-25).	325		50 per cent rag lithograph-finish map paper.
281		Tar for use in repair work.	326		75 per cent rag lithograph-finish map paper.
282		Refined tar for construction.	327		Blotting paper, white and colored.
283	C216	Putty.	328		Sulphite bond paper, white and colored.
284	C211	Gypsum wall board.	329		Sulphite writing paper, white and colored.
285	C210	Gypsum plaster board.	330		100 per cent rag heavy ledger paper, white.
286		Brass castings to be brazed.	331		50 per cent rag manifold paper, white and colored.
287		Tubing, copper, seamless, and pipe, copper, seamless, standard iron pipe size.	332		Whisk brooms.
288		Cotton, absorbent.	333		Corn brooms.
289		Gauze, plain.	334a	C298	Clay, fire.
290		Bronze ingots (for remelting).	335a	C297	Refractories, fire-clay, plastic.
291	C229	Friction tape.	336	C275	Builders' hardware. (Price, 15 cents.)
292	C230	Rubber insulating tape.	337		Compressed cork (cork board).
293	C214	Medium and light rust preventive compounds.	338		Ground cork for insulating purposes.
294	C287	Asphalt-saturated woven cotton fabric for waterproofing.	339		General specification for metals.
295	C286	Asphalt-saturated rag felt for flashings.	340		Polishing paste.
296	C285	Slate-surfaced, asphalt prepared roofing and shingles.	341		Liquid metal polish.
297	C208	Wire rope. (Price, 15 cents.)	342a		Pipe, brass, seamless, iron pipe size, standard and extra strong.
298		Bandage, gauze, compressed.	343		Cast iron soil pipe and fittings, coated and uncoated.
299		Bandage, plain gauze roller, assorted.	344		Cheesecloth remnants for wiping purposes.
300		Bandage, plaster of Paris.	345	C293	General specification for textile materials (methods of physical and chemical tests).
301	C272	Brown cotton sheeting.	346		Nonrenewable plug fuses.
302	C278	Brown wide cotton sheeting.	347		Lap welded and seamless steel boiler tubes.
303	C273	Bleached wide cotton sheetings.	348		Standard miscellaneous chain and attachments.
304	C274	Bleached cotton sheets (medium and high count sheeting).	349		Lap welded charcoal iron boiler tubes.
305	C277	Bleached cotton pillow cases.	350		Concrete reinforcement bars.
306		Spelter solder (for brazing).	351		Structural steel for bridges.
307		Silver solder.	352		Structural steel for buildings.
308		Sheet lead.	353		Insect powder (pyrethrum powder).
309		Thermometers, clinical.	354		Sodium fluoride (insecticide).
310		Petroleum ether.	355		Sodium cyanide (for use as an insecticide in fumigation).
311		Rigid conduit, enameled.	356		Dental amalgam alloy.
312	C271	Rubber gloves for electrical workers (for use in connection with apparatus or circuits not exceeding 3,000 volts to ground).	357		Boilable catgut ligatures (surgical catgut suture material).
313		Tin-lead solder.	358		Desks.
314		Railroad track scales.	359		Office sectional furniture, cabinets and trays.
315		*Sugar and sugar products.	360		Rulers, desk.
316		Steel blooms, billets, slabs, and bars, for reforcing, carbon and alloy.	361		Shears and scissors.
317		*Cereals and cereal products.	362		Liquid measuring devices, retail type.
318		Eosin Y (C. I. No. 768).	363		Burglar-resisting safes.
319		100 per cent rag bond paper, white.	364		*Condiments.
320		50 per cent rag bond paper, white and colored.	365a		*Sea food (fresh, salt, smoked, and canned).

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
366	-----	Calendar stands and pads.	420	-----	Wax, sealing.
367	-----	Window shades, shade cloth, rollers, slats, cords, and accessories.	421	-----	Metol (mono-methyl-para-amino phenol sulphate).
368	-----	Sponge and pin cups.	422	C313	Towels, huck (with woven name).
369a	-----	Aluminum bronze castings.	423	-----	Roofing, prepared, asphalt and asbestos, slate-surfaced.
370	-----	Manganese bronze castings.	424	-----	Roof coating, asphalt fibrous.
371	-----	Nickel, for remelting.	425	-----	Paper, carbon, black, light weight (for typewriter use).
372	-----	Structural nickel steel.	-----	-----	-----
373	-----	Structural steel for cars.	426	-----	Paper, carbon, black, standard weight (for typewriter use).
374	-----	Condenser tubes and tubes for ferule stock (Admiralty metal).	427	-----	Tubing, brass, seamless.
375	C302	Shellac, flake orange.	428	-----	Matches, safety (full size, in boxes).
376	C303	Varnish, shellac.	429	C314	Soda ash.
377	-----	Paper fasteners, brass.	430	C315	Soda, caustic (lye) (for cleaning purposes).
378	-----	Castings, iron, malleable.	-----	-----	-----
379	C301	Ink, drawing, colored waterproof.	431	C316	Soda, laundry (washing soda).
380	-----	Cement, asphalt plastic.	432	C317	Sodium carbonate, granular (monohydrate crystals).
381a	-----	*Dairy products.	433	-----	Hatchets.
382	C306	Matting, rubber.	434	-----	Bars, chisel, crow and pinch.
383	C308	Stoppers, rubber.	435	-----	Cutters, glass.
384	C283	Stitches, seams, and stitching. (Price, 20 cents.)	436	-----	Dividers.
385	-----	Paper, flint.	437	-----	Cutters, pipe.
386	-----	Paper, garnet.	438	-----	Chisels, gouges, and sliks, wood-workers'.
387	-----	Cloth, abrasive, aluminum oxide.	439	-----	Coppers, soldering.
388	-----	Cloth, emery.	440	-----	Sets, hand saw.
389	-----	*Miscellaneous provisions.	441	-----	Scribers, machinists'.
390	-----	Polish, silver.	442	-----	Knives, shoe.
391	-----	Iron bar, wrought, refined.	443	-----	Cement, masonry.
392	-----	Brass, rods, bars, shapes, plates, sheets, and strips, commercial.	444	-----	Integral waterproofing material, water-repellent type (for use with Portland cement, mortar, or concrete).
393	-----	Unions, malleable iron or steel.	445	-----	Cement, plastic magnesia (magnesia-oxychloride), used as flooring, bases, wainscots, etc.
394	-----	General specification for paper.	-----	-----	-----
395	-----	Preservatives, wood, and processes of treatment.	446	-----	Ammonium chloride (sal ammoniac).
396	-----	Brush, calcimine.	447	-----	Rope, cotton.
397	-----	Brush, dust, ceiling and wall.	448	C310	Plumbing fixtures (for land use). (Price, 15 cents.)
398	-----	Brush, fiber garage.	449	-----	Adzes.
399	-----	Brush, flat fitch.	450	-----	Shaves, spoke.
400	-----	Sweep, floor, hair.	451	-----	Shears, tinners', hand (snips).
401	-----	Brush, glue, round.	452	-----	Materials for top-soil or sand-clay road surfaces.
402	-----	Brush, glue, flat.	453	-----	Gravel for gravel roads.
403	-----	Brush, lacquering, flat, camel hair.	454	-----	Coarse aggregate for Portland cement concrete pavement or base (stone, slag, and gravel).
404	-----	Brush, marking.	455	-----	Broken stone, broken slag, or gravel for bituminous surface treatment.
405	-----	Brush, mottling, camel hair.	456	-----	Broken stone and broken slag for waterbound base or wearing course.
406	-----	Brush, sash tool, oval.	457	-----	Broken stone and broken slag for bituminous macadam base or surface course.
407	-----	Brush, hand scrub, white tam-pico.	458	-----	Broken stone and broken slag for bituminous concrete base or surface course.
408	-----	Furniture, and cabinets, office steel sectional.	459	-----	Broken stone and broken slag for binder course, sheet asphalt pavement.
409	-----	Chairs, office.	-----	-----	-----
410	-----	Tubes, radio receiving electron.	-----	-----	-----
411	-----	Tableware, silver plated.	-----	-----	-----
412	-----	Paste, office and library.	-----	-----	-----
413	-----	Padlocks.	-----	-----	-----
414	C312	Matting, rubber, for use around electrical apparatus or circuits not exceeding 3,000 volts to ground.	-----	-----	-----
415	-----	Blades, hack saw.	-----	-----	-----
416	-----	Braces, ratchet.	-----	-----	-----
417	-----	Drills, breast.	-----	-----	-----
418	-----	Pullers, nail.	-----	-----	-----
419	-----	Rules.	-----	-----	-----

Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title	Federal Specifications Board specification No.	Bureau of Standards Circular No.	Title
460	-----	Sands for use in sheet asphalt or bituminous concrete pavements.	464	-----	Fine aggregate for Portland cement concrete pavement or base (sand, etc.).
461	-----	Sand for cement grout filler, brick and stone block pavements.	465	-----	Materials for cushion course, brick, stone block, or wood block pavement (sand, slag, limestone screenings, etc.)
462	-----	Sand for cement mortar bed for brick, stone block, or wood block pavements.	466	-----	Belting, conveyor (stitched duck).
463	-----	Mineral filler for sheet asphalt or asphaltic concrete pavements (Portland cement, limestone dust, and dolomite dust).	467	-----	Copper rods, bars, shapes, plates, sheets, and strips.
			468	-----	Silver, nickel, rods, bars, shapes, plates, sheets, and strips (German silver).

A DIRECTORY OF SPECIFICATIONS

Considerable economy can be realized in the purchase of commodities by the use of specifications. Real competitive bidding can be invited, and the delivery of satisfactory material can be insisted upon. To an ever-increasing extent State and city governments, public utilities, and the better organized industries of the country are adopting the use of specifications, which has been a feature of Federal Government purchasing for many years.

Information regarding the best known specifications for more than 6,000 commodities is given in convenient form in the National Directory of Commodity Specifications, which has been issued by the Bureau of Standards with the cooperation of the Bureau of Foreign and Domestic Commerce of the Department of Commerce. The book tells not only what specifications are in general use, but also by whom they were prepared and where copies can be obtained. In it are conveniently indexed for ready finding about 27,000 specifications prepared by the Federal Specifications Board and the separate departments of the Federal Government, by State and city purchasing agents, public utilities, technical societies, and trade associations. At the request of Secretary Hoover an advisory board was selected by these interests to represent them in supervising the preparation of the Directory.

The contents include: A statement and indorsement by the advisory board, a foreword by Secretary Hoover, a thoroughly classified list of specifications for all types of commodities. There are also included an alphabetical list of commodities, which serves as an index to the specifications, and directions for obtaining copies of specifications listed in the Directory.

Summary of commodities and specifications therefor

Decimal class	Commodity groups	Commodities indexed	Approximate number of specifications
000	Animal and animal products.....	350	1, 600
100	Vegetable food products, oil, seeds, expressed oil, and beverages.....	525	2, 100
200	Other vegetable products (except fibers and wood).....	400	800
300	Textiles.....	275	1, 900
400	Wood and paper.....	625	3, 300
500	Nonmetallic minerals.....	725	3, 300
600	Ores, metals, and manufactures (except machinery and vehicles).....	1, 700	6, 400
700	Machinery and vehicles.....	800	2, 900
800	Chemicals and allied products.....	600	2, 400
900	Miscellaneous.....	650	2, 400
	Total.....	6, 650	27, 100

Whether you are a producer or a consumer, a seller or a buyer of commodities; whether you are interested in the preparation or in the use of specifications, the Directory contains for you information which you can not afford to do without. It is printed in small, but legible type, and thus the number of pages has been kept at the minimum, 385, without sacrificing the usefulness of the Directory. It is bound in cloth. The cost of printing and binding the book at the Government Printing Office is \$1.25.

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