

Revised to November 20, 1940

STANDARDS AND SPECIFICATIONS
FOR BUILDING AND CONSTRUCTION MATERIALS,
FIXTURES, SUPPLIES, AND EQUIPMENT

Contents

General information.....	1
Commercial standards.....	2
Simplified practice recommendations....	3
Federal specifications.....	4
Building codes, construction practice, and home maintenance.....	13
Order blank.....	14

GENERAL INFORMATION

Commercial Standards, Simplified Practice Recommendations, Federal Specifications, and Bureau publications for building and construction materials, fixtures, supplies, and equipment are listed herein; and where the price is stated the publication can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. Federal Specifications are priced at 5 cents per copy except where otherwise indicated. The prices quoted are for delivery to addresses in the United States and its territories and possessions and in certain foreign countries which extend the franking privilege. In the case of all other countries, one-third the cost of the publication should be added to cover postage. Remittances should be made either by coupons (obtainable from the Superintendent of Documents in sets of 20 for \$1.00 and good until used), or by check or money order payable to the "Superintendent of Documents, Government Printing Office" and sent to him with order.

Lists of sources of supply of materials guaranteed to comply with the specification requirements have been compiled for most of the Commercial Standards and Federal Specifications. They are indicated by an asterisk, and may be obtained free of charge from the Division of Codes and Specifications, National Bureau of Standards, Washington, D. C.

An index of all current Federal Specifications, indicating the status of the specifications and showing the price of printed copies, has been published as Section IV, Part 1 of the Federal Standard Stock Catalog. Copies of this index may be purchased from the Superintendent of Documents, at 15 cents per copy.

Publications marked "OP" are out of print but, in general, may be consulted at technical libraries.

Series letters with serial numbers are used to designate Bureau publications:

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|--|---|
| BH = "Building and Housing" publication. | CS = "Commercial Standard." |
| BMS = "Building Materials and Structures" publication. | LC = "Letter Circular." |
| C = "Circular." | M = "Miscellaneous Publication." |
| | R = "Simplified Practice Recommendation." |

COMMERCIAL STANDARDS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Blinds, wood-slat venetian.....	CS 61-37	5¢
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Plywood (hardwood and eastern red cedar).....	*CS 35-31	OP
Seats for water closet bowls, staple.....	*CS 29-31	5¢
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<u>Title</u>	<u>Series</u>	<u>Price</u>
Aggregates, coarse (crushed stone, gravel and slag).....	R 163-39	5¢
Asbestos paper and asbestos millboard.....	R 19-37	5¢
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Brick, sand-lime.....	R 38-37	5¢
Brick, vitrified paving.....	R 1-40	5¢
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Doors, Kalamein.....	R 83-28	5¢
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Fencing, woven-wire; woven wire fence packages.....	R 9-28	5¢
Forms for concrete joist construction floors.....	R 87-32	-
Joists, open-web steel.....	R 94-30	5¢
Lath, metal (expanded and sheet).....	R 3-36	5¢
Lights; sidewalk, floor, and roof.....	R 49	5¢
Lumber.....	R 16-39	20¢
Nails, copper wire.....	R 150-34	5¢
Paints, varnishes, and related products (shades and containers).....	R 144-37	5¢
Partitions for toilets and showers, metal.....	R 101-40	-
Pipe, valves and fittings, wrought-iron and wrought-steel.....	R 57-32	5¢
Plumbing fixtures, hospital.....	R 106-30	-
Radiators, large-tube cast-iron.....	R 174-40	5¢
Refrigerator ice compartments.....	R 109-29	10¢
Roofing, iron and steel.....	R 78-28	5¢
Roofing ternes.....	R 30-37	5¢
Screen cloth, wire insect.....	R 122-31	5¢
Slate, roofing.....	R 14-28	-
Slate for plumbing and sanitary purposes, structural.....	R 13-28	10¢
Steel, sheet.....	R 28-29	10¢
Tacks, cut; and small cut nails.....	R 47-28	10¢
Tanks, hot water storage.....	R 25	-
Tile, hollow building.....	R 12	-
Tiles for floors and walls, clay.....	R 61-30	10¢
Traps, brass lavatory and sink.....	R 21	-
Windows, solid section steel.....	R 72	-
Simplified practice - Its purpose and application.....	LC 590	-

Where no price is shown, publications are available in mimeographed form only from the Division of Simplified Practice, National Bureau of Standards, Washington, D. C.

FEDERAL SPECIFICATIONS

Index of Federal Specifications for Building and Construction
Materials, Fixtures, Supplies, and Equipment arranged by
Commodity Groups

*List of Willing-to-Certify Sources of Supply has been compiled.

Specification
Symbol

ANIMAL PRODUCTS

Cushion; carpet and rug, hair-felt.....	C-C-811
Felt; hair.....	*C-F-201a
Glue; animal (for) woodworking.....	*C-G-451

CABLE AND WIRE

Cable (armored and lead-covered-armored) and Cord (armored); (600-volt service and under).....	*J-C-71
Cable and Wire; rubber-insulated, building-type, code-grade.....	*J-C-101b
Cable and Wire; rubber-insulated, building-type, heat-resistant grade (0 to 5,000-volt service).....	*J-C-106a
Cable and Wire; rubber-insulated (for) other than building- purposes, superaging-grade (0 to 8,000-volt service).....	*J-C-121

CHEMICALS

Fire-Extinguishers; chemical, hand, carbon-tetrachloride type.....	*O-F-351
Fire-Extinguishers; chemical, hand, soda-and-acid type.....	*O-F-355a
Fire-Extinguishers; hand, portable, foam-type.....	O-F 361
Fire-Extinguishing-Liquid; carbon-tetrachloride base.....	*O-F-380

COAL-TAR AND PRODUCTS

Pitch; coal-tar (for) mineral-surfaced built-up roofing, waterproofing and dampproofing.....	*R-P-381
Tar; cold-application (for) roads.....	*R-T-101
Tar; (for) joint filler.....	*R-T-111
Tar; refined, construction (for) roads.....	*R-T-121
Tar; refined (for) crack filler.....	*R-T-126
Tar; refined, hot-application (for) roads.....	*R-T-131
Tar; refined, mixed-in-place construction (for) roads.....	R-T-136
Tar; repair-work (for) roads.....	*R-T-141

CORDAGE, TWINE, AND PRODUCTS

Cord, sash; cotton, braided.....	*T-C-571a
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ELECTRIC-APPARATUS

Bases; cut-out (for) enclosed-cartridge, open-link, and plug-fuses.....	*W-B-81a
Batteries and Cells; dry.....	*W-B-101a
Boxes and Outlet-Fittings, floor; (for) rigid-steel-conduit and electric-metallic-tubing (steel).....	W-B-616
Clock-Systems; electric.....	W-C-471a
Fans, electric; bracket and desk types, rigid-blades (for shore use).....	W-F-101a
Fire-Alarm Systems; electric, hand-operated, positive, non-interfering type.....	W-F-391
Fire-Alarm Systems; electric, hand-operated, shunt-type.....	W-F-396
Fittings; cable and conduits.....	W-F-406
Fuses; cartridge, inclosed, nonrenewable.....	W-F-791
Fuses; cartridge, inclosed, renewable (fusible links not separately inclosed).....	*W-F-803
Fuses; cartridge, inclosed, renewable (fusible links separately inclosed).....	*W-F-805
Fuses; plug, nonrenewable.....	*W-F-831
Lamps; electric, incandescent, large, tungsten-filament.....	*W-L-101d
Outlet-Bodies; iron (cast or malleable), cadmium or zinc-coated with covers and accessories (for shore use).....	W-O-806
Outlet-Boxes; steel, cadmium or zinc-coated, with covers and accessories.....	W-O-821a
Panelboards; equipped with automatic-circuit breakers.....	*W-P-131
Panelboards; equipped with fuse-connections or switches and fuse-connections.....	W-P-146
Raceways and Fittings; metallic, underfloor.....	W-R-36
Raceways and Fittings; nonmetallic, underfloor.....	W-R-41
Receptacles (convenience-outlets); attachment-plugs, current-taps, and connectors.....	*W-R-151
Switches; knife, open-type, front-and rear-connected.....	*W-S-871
Switches; snap, multiple-type and combination-devices, flush-type, with wall-plates.....	*W-S-893
Switches; snap, single-unit, interchangeable, flush-type, with wall-plates.....	*W-S-896
Watchmen's-Report-Apparatus.....	W-W-101

FURNITURE

Cabinets; stationery, storage, and clothing (steel).....	*AA-C-31
Furniture and Cabinets; office, sectional, steel.....	*AA-F-791b(10¢)
Furniture and Cabinets; office, sectional, wood.....	*AA-F-801
Lockers; clothes, steel.....	*AA-L-486
Shelving; steel, storage.....	*AA-S-271

GLASS AND GLASSWARE

Glass; flat (for) glazing purposes.....	*DD-G-451
Glass; flat, glazing (for) transmitting not less than 25% of ultra-violet radiation at wave length 302 millimicrons....	DD-G-476

HARDWARE

Bolts, lag; steel (lag-screws).....	*FF-B-561
Bolts; Nuts; Studs; and Tap-Rivets, (and material for same).....	*FF-B-571a
Dispensers; soap.....	*FF-D-396a
Hardware, builders'; locks and lock-trim.....	*FF-H-106
Hardware, builders'; shelf and miscellaneous.....	*FF-H-111 (10¢)
Hardware, builders'; hinges.....	*FF-H-116a (10¢)
Hardware, builders'; door-closers.....	*FF-H-121a
Hardware and Fittings; (for) lavatory partitions and inclosures.....	*FF-H-136
Nails; Spikes; Staples; and Tacks.....	*FF-N-101 (10¢)
Padlocks.....	*FF-P-101a
Pins; cotter, split.....	*FF-P-386
Screws, machine; (including Screws, set).....	*FF-S-91
Screws; wood.....	*FF-S-111
Turnbuckles.....	*FF-T-791
Wool; steel.....	*FF-W-556

INSULATING MATERIALS

Brick; fire-clay.....	*HH-B-671b
Brick; silica.....	*HH-B-681
Cement; silica.....	HH-C-176
Clay; fire.....	*HH-C-451a
Compound; plumbing-fixture-setting.....	HH-C-536
Cork; compressed (corkboard).....	*HH-C-561a
Cork; granulated, insulating.....	*HH-C-571a
Cotton-Fabric; woven, asphalt-saturated.....	*HH-C-581a
Cotton-Fabric; woven, coal-tar-saturated.....	HH-C-591
Felt; asphalt-saturated (for) flashings, roofing, and waterproofing.....	*HH-F-191
Felt; coal-tar-saturated (for) roofing and waterproofing.....	*HH-F-201
Filler, Expansion-Joint; Preformed; nonextruding and resilient- types (for concrete).....	HH-F-341
Gaskets; plumbing-fixture-setting.....	HH-G-116
Insulation; bat or strip-form and loose-fill.....	HH-I-521b
Insulation (vegetable or wood-fiber); blanket, felt, and loose-fill.....	HH-I-571
Magnesia; block, cement, and pipe-covering (molded).....	*HH-M-61
Millboard; asbestos.....	*HH-M-351
Mineral-Wool, impregnated; blanket, block, and pipe-covering (molded), (for low temperatures).....	HH-M-371
Mortar; air-setting, refractory, bonding, (wet-type).....	HH-M-611
Pipe-Covering; cork, moldad.....	HH-P-381
Pipe-Covering and Cement; mineral or rock-wool.....	HH-P-386a
Refractories; fire-clay, plastic.....	*HH-R-191
Tape; friction.....	*HH-T-101a
Tape; rubber, insulating.....	*HH-T-111a
Tubing; flexible, nonmetallic.....	*HH-T-791

KNIT GOODS, NETTING, AND WEBBING

Hose; fire, linen, unlined.....	JJ-H-571
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LUMBER AND TIMBER

Specification

Symbol

Lumber and Timber; hardwood.....	*MM-L-736
Lumber and Timber; softwood.....	*MM-L-751a

MACHINERY

Air-Conditioning-Units (room-coolers); electric-motor-driven, portable.....	00-A-361
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METALS

Bars; reinforcement, (for) concrete.....	*QQ-B-71a
Bases, metal; (for) plaster and stucco construction.....	*QQ-B-101c
Copper; bars, plates, rods, shapes, sheets, and strips.....	*QQ-C-501
Culverts; iron or steel, zinc-coated.....	*QQ-C-806
Iron and Steel; sheet, black and zinc-coated (galvanized).....	*QQ-I-696
Lead; calking.....	*QQ-L-156
Lead; sheet.....	*QQ-L-201
Solder; tin-lead.....	*QQ-S-571
Steel; stay-bolt (boiler).....	*QQ-S-701
Steel; structural (for) bridges.....	QQ-S-711a
Steel; structural (for) buildings.....	QQ-S-721 a
Steel, Corrosion-Resisting; plates, sheets, strips, and structural-shapes.....	QQ-S-766
Terne-Plate (long-ternes).....	QQ-T-191
Terne-Plate (roofing-tin).....	QQ-T-201
Zinc; plates, sheets, and strips.....	*QQ-Z-301a

METAL PRODUCTS

Cloth; wire, screen.....	*RR-C-451a
Fencing; chain-link or welded.....	*RR-F-191
Fencing; wire (barbed, netting, and woven), black and glavanized.....	*RR-F-221
Gratings; steel, floor (except for Naval vessels).....	*RR-G-661a
Tile, wall; enameled-iron.....	RR-T-421
Treads; safety, metallic.....	*RR-T-661

MINERALS AND PRODUCTS (nonmetallic)

Acoustic-Materials; (for) plastic-application.....	SS-A-111
Acoustical-Units; prefabricated.....	SS-A-118
Aggregate; (for) Portland cement concrete.....	SS-A-281
Asphalt; (for) built-up roofing, waterproofing and dampproofing.....	*SS-A-666
Asphalt; cut-back (for) road-work.....	SS-A-671
Asphalt; emulsion (for) road-work.....	*SS-A-674
Asphalt; petroleum, type PAF-1-25, (for) joint filler (squeegee or pouring method).....	*SS-A-696
Asphalt-Primer; (for) roofing and waterproofing.....	*SS-A-701
Asphalt; (for use in) road and pavement construction.....	*SS-A-706
Brick; building, (common), clay.....	*SS-B-656
Brick; concrete.....	*SS-B-663
Brick; paving.....	*SS-B-671a
Brick; sand-lime.....	*SS-B-681
Brick; sewer, clay.....	*SS-B-691

MINERAL AND PRODUCTS (nonmetallic) (Cont.)

Cement; bituminous, plastic.....	*SS-C-153
Cements, hydraulic; general specifications (methods for sampling, inspection, and testing).....	SS-C-158 (10¢)
Cement; Keene's.....	*SS-C-161
Cement; masonry.....	*SS-C-181b
Cement; Portland.....	*SS-C-191a
Cement; Portland, high-early-strength.....	SS-C-201
Cement; Portland, moderate-heat-of-hardening.....	SS-C-206
Cement; Portland, pozzolana.....	SS-C-208
Cement; Portland, sulphate-resisting.....	SS-C-211
Concrete-Units; masonry, hollow.....	*SS-C-621
Crushed-Stone, Crushed Gravel, and Crushed-Slag; (for binder-course, sheet-asphalt-pavement.....	SS-C-726a
Crushed-Stone, Crushed-Gravel, and Crushed-Slag; (for bituminous-concrete-base or surface-course.....	SS-C-731a
Crushed-Stone and Crushed-Slag; (for) bituminous-macadam-base or surface-course.....	SS-C-736a
Crushed-Stone and Crushed-Slag and Gravel; (for) bituminous surface-treatment.....	SS-C-741a
Crushed-Stone and Crushed-Slag; (for) waterbound-base or wearing-course.....	SS-C-746a
Facings; foundry, carbon-base.....	*SS-F-111
Granite-Blocks; recut granite, and durax granite pavements.....	SS-G-651
Gypsum; calcined.....	*SS-G-901
Lime; hydrated (for) structural purposes.....	*SS-L-351
Lime; hydraulic, hydrated.....	SS-L-361
Materials; (for) cushion course, brick, stone-block, or wood-block pavements (sand, slag, limestone, screenings, etc.)...	SS-M-51
Mineral-Filler; (for) sheet asphalt or asphaltic concrete pavements (Portland cement, limestone dust and dolomite dust).....	SS-M-351
Pipe; clay, sewer.....	SS-P-361
Pipe; concrete, non-pressure, non-reinforced and reinforced.....	*SS-P-371
Plaster; gypsum.....	*SS-P-401
Plaster-Board; gypsum.....	*SS-P-431a
Quicklime; (for) structural purposes.....	*SS-Q-351
Road and Paving-Materials; general specifications (methods for sampling and testing).....	SS-R-406(10¢)
Roof-Coating; asphalt, brushing-consistency.....	*SS-R-451
Roofing; asphalt-prepared, smooth-surfaced.....	*SS-R-501
Roofing; asphalt and asbestos-prepared, mineral-surfaced.....	*SS-R-511
Roofing and Shingles; asphalt, prepared, mineral-surfaced.....	*SS-R-521

MINERALS AND PRODUCTS (nonmetallic) (Cont.)

Sand; (for) cement-mortar-bed, (for) brick, stone-block or wood-block pavements.....	SS-S-51
Sand; (for) grcut-filler, brick and stone-block pavements.....	SS-S-61
Sand; (for use in) sheet asphalt or bituminous concrete pavements.....	SS-S-71
Shingles; roofing, cement-asbestos.....	SS-S-291
Slate; roofing.....	*SS-S-451
Stone; architectural, cast.....	*SS-S-721
Tile; asphalt.....	SS-T-306
Tile; partition, gypsum.....	SS-T-316
Tile; structural, clay, floor.....	*SS-T-321
Tile; structural, clay, load-bearing wall.....	*SS-T-341
Tile; structural, clay, non-load-bearing.....	*SS-T-351
Wall-Board; gypsum.....	*SS-W-51a

PAINTS, PIGMENTS, VARNISHES AND PRODUCTS

Aluminum-Pigment-Paste (for) paint.....	TT-A-466
Aluminum-Powder; (for) paints (aluminum-bronze-powder).....	*TT-A-476
Blue-Lead; basic-sulphate, dry and paste-in-oil.....	*TT-B-486
Boneblack; dry, paste-in-japan, paste-in-oil.....	*TT-B-601
Calcimine (cold and hot-water-types).....	TT-C-96
Chrome, green; oxide.....	*TT-C-231
Chrome, green; pure, dry, paste-in-japan, paste-in-oil.....	*TT-C-236
Chrome, yellow; dry, paste-in-japan, paste-in-oil (lemon, medium, orange).....	*TT-C-291
Drier; paint, liquid.....	*TT-D-651
Enamel; interior, gloss, light-tints and white.....	*TT-E-506a
Enamel; pigmented (air-drying and baking), black.....	*TT-E-521
Enamel; water-resisting, red.....	*TT-E-531a
Filler; wood, paste.....	*TT-F-336
Lampblack; dry, paste-in-japan, paste-in-oil.....	*TT-L-71
Ocher; dry, paste-in-japan, paste-in-oil.....	*TT-O-111
Paint, Blue-Lead-Base; basic sulphate, linseed-oil, ready-mixed...	TT-P-20
Paint; cold-water, interior, light-tints and white.....	*TT-P-23a
Paint; graphite, outside, ready-mixed, black.....	TT-P-27
Paints; iron-hydroxide and iron-oxide, ready-mixed and semipaste.....	*TT-P-31
Paints; lead-zinc base, ready-mixed and semipaste, white and tinted.....	*TT-P-36a
Paints; oil, interior, eggshell-flat-finish, ready-mixed and semipaste, light-tints and white.....	*TT-P-51a
Paint; outside, ready-mixed, medium-chrome-yellow.....	*TT-P-53
Paint; (for) priming plaster-surfaces (plaster primer and sealer).....	*TT-P-56
Paint; ready-mixed, international-orange.....	TT-P-59
Paints; ready-mixed and semipaste, black.....	*TT-P-61
Paints; ready-mixed and semipaste, green.....	*TT-P-71
Paints; ready-mixed and semipaste, olive-drab.....	*TT-P-81
Paint, Red-Lead-Base; linseed-oil, ready-mixed.....	TT-P-86
Paint; rubber-base, (for) cement-floors.....	TT-P-91
Paints; titanium-zinc, and titanium-zinc-lead, outside, ready-mixed, white.....	*TT-F-101a

PAINTS, PIGMENTS, VARNISHES AND PRODUCTS (Cont.)

Primer; paint, zinc dust-zinc oxide (for galvanized (zinc-coated) or zinc surfaces).....	TT-P-641
Prussian-Blue; dry, paste-in-japan, paste-in-oil.....	*TT-F-691
Putty; pure linseed oil,(for) wood sash-glazing.....	*TT-P-791a
Red-Lead; dry and paste-in-oil.....	*TT-R-191a
Remover; paint and varnish (organic-solvent-type).....	*TT-R-251
Sealer; floor, wood.....	TT-S-176
Shellac; orange.....	*TT-S-271
Thinner; paint,(for) semipaste paints.....	*TT-T-271
Thinner; paint, volatile mineral spirits.....	*TT-T-291
Ultramarine Blue; dry, paste-in-japan, paste-in-oil.....	*TT-U-451
Varnish; asphalt.....	*TT-V-51
Varnish; damar.....	TT-V-61
Varnish; interior.....	*TT-V-71a
Varnish; mixing (for) aluminum-paint.....	*TT-V-81a
Varnish, Rubbing; cabinet.....	TT-V-86
Varnish; shellac.....	*TT-V-91a
Varnish; spar, water-resisting.....	*TT-V-121a
White-Lead; basic-carbonate, dry, paste-in-oil, and semipaste containing volatile-thinner.....	*TT-W-251a
White-Lead; basic-sulphate; dry and paste-in-oil.....	*TT-W-261a
Wood-Preservative; coal-tar creosote (for) ties and structural timbers.....	TT-W-556
Wood-Preservative; creosote (for) brush and spray-treatment.....	TT-W-561a
Wood-Preservative; creosote-coal-tar-solution (for) ties and structural timbers.....	TT-W-566
Wood-Preservative; preservative treatment.....	TT-W-571a
Wood-Preservative; zinc-chloride (for)ties and structural timbers.....	TT-W-576
Zinc-Oxide; dry and paste-in-oil.....	*TT-Z-301
Zinc-Oxide; leaded; dry and paste-in-oil.....	*TT-Z-321

PAPER AND PRODUCTS

Paper, Kraft; concrete-curing; waterproofed.....	UU-P-264
Paper; sheathing, waterproof.....	*UU-P-536
Wall-Board; composition.....	*UU-W-101a

PETROLEUM AND PRODUCTS

Lubricant; chain and wire-rope.....	*VV-L-751
Oil; road, type OH-1-25, hot-application.....	*VV-C-751

PIPE, PIPE-FITTINGS, PLUMBING-FIXTURES, TUBES, AND TUBING (metallic)

Conduit; steel, rigid, enameled.....	*WW-C-571
Conduit; steel, rigid, zinc-coated.....	*WW-C-581a
Flange-Dimensions, standard; (classes 125 and 250 cast-iron flanges; classes 150 and 250 bronze-flanges) (for land use).....	WW-F-406
Nipples, pipe; brass, steel, and wrought-iron.....	*WW-N-351

Specification
Symbol

PIPE, PIPE-FITTINGS, PLUMBING-FIXTURES, TUBES, AND TUBING
(metallic) (Cont.)

Pipe; brass, seamless, iron-pipe-size, standard and extra-strong.....	*WW-P-351
Pipe, cast-iron; drainage, vent, and waste, (threaded).....	WW-P-356
Pipe; copper, seamless, iron-pipe-size, standard.....	*WW-P-377
Pipe and Pipe-Fittings; soil, cast-iron.....	*WW-P-401
Pipe; steel and ferrous-alloy, wrought, iron-pipe-size.....	*WW-P-403a
Pipe; water, cast-iron (bell and spigot, and bolted-joint).....	*WW-P-421
Pipe; wrought-iron, welded, black and galvanized.....	*WW-P-441a
Pipe-Fittings; brass or bronze (threaded), 125-pounds.....	*WW-P-448 (10¢)
Pipe-Fittings; bronze (threaded), 250-pounds.....	*WW-P-461
Pipe-Fittings; cast-iron, drainage.....	WW-P-491
Pipe-Fittings; cast-iron (threaded).....	*WW-P-501a
Pipe-Fittings; malleable-iron (threaded), 150-pounds.....	*WW-P-521a
Plumbing-Fixtures; (for) shore purposes.....	*WW-P-541 (10¢)
Traps; radiator, thermostatic, brass or bronze, low-pressure, 100 square-foot-size (for land use).....	*WW-T-696
Tubes; boiler, charcoal-iron, lapwelded.....	WW-T-721
Tubes; boiler, steel.....	*WW-T-731a
Tubing; brass, seamless.....	*WW-T-791
Tubing; copper, seamless (for general use with I.P.S. flanged-fittings).....	*WW-T-797
Tubing; copper, seamless (for use with soldered or flared-fittings).....	*WW-T-799
Tubing; electrical, metallic.....	*WW-T-806a
Unions; brass or bronze, 250-pounds.....	*WW-U-516
Unions; malleable-iron or steel, 250-pounds.....	*WW-U-531
Unions; malleable-iron or steel, 300-pounds.....	*WW-U-536
Valves, brass or bronze; angle and globe, 150-pounds, threaded and flanged, (for land use).....	WW-V-51
Valves, gate; 125-pound, threaded and flanged, (for land use)....	WW-V-76b
Valves, radiator; air, thermostatic (gravity-steamheating-systems).....	WW-V-151

RUBBER AND RUBBER-GOODS

Cushion, underlay; carpet and rug, sponge-rubber.....	ZZ-C-811
Floor-Covering; rubber, sheet.....	*ZZ-F-461
Hose; fire, cotton, rubber-lined.....	*ZZ-H-451
Hose; gas (acetylene, air, hydrogen, and oxygen).....	*ZZ-H-461a
Hose; water, braided.....	*ZZ-H-601
Hose; water, wrapped.....	*ZZ-H-611
Mats, Floor; rubber, link-type.....	ZZ-M-46
Matting; rubber.....	*ZZ-M-71
Matting; rubber (for use around electrical apparatus or circuits not exceeding 3,000 volts to ground).....	*ZZ-M-81
Tile, floor, rubber.....	ZZ-T-301

TEXTILES (yardage)

Cloth; awning.....	*CCC-C-406
Cloth; shade.....	*CCC-C-521a

TEXTILE PRODUCTS

Shades, window; rollers, slats, cords, and accessories.....	*DDD-S-251
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VEGETABLE PRODUCTS

Oil; linseed, boiled.....	*JJJ-O-331
Oil; linseed, raw.....	*JJJ-O-336

WOOD PRODUCTS

Blinds; venetian, wood-slat.....	LLL-B-441
Carpet; cork.....	LLL-C-96
Fiber-Board; hard-pressed, structural.....	LLL-F-311
Fiber-Board; insulating.....	LLL-F-321a
Linoleum; battleship.....	*LLL-L-351a
Linoleum; plain, inlaid, and printed.....	*LLL-L-361
Shades, window; wood-slats.....	LLL-S-256
Tile; cork.....	LLL-T-431
Turpentine; (for) paint, type I.....	*LLL-T-791a
Turpentine; (for) paint, type II.....	*LLL-T-792

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