

Category	FSC	FSC Name	Includes	Excludes	FSC Notes	Additional Category Scope Information
Hardware - Consumable Supplies, Material Handling, and Repair Supplies	3920	Material Handling Equipment, Nonself-Propelled	Includes Dolly Trucks; Pushcarts; Handcarts; Wheelbarrows; Hand Trucks; Materials Handling Trailers.	Excludes Conveyors.		Consumable Supplies, Material Handling, and Repair Supplies in the spirit of a hardware store catalog used for maintenance and repair, including but not limited to nuts and bolts, brackets, braces, and forgings. Lifting equipment, seals, and tie downs; ladders, banding, and rigging; dollies; hoists; tilt trucks, utility carts. Filters, plastic sheeting, tarps, vinyl inserts, concrete materials, door knobs & hardware, cabinet & furniture hardware, anchors, fasteners; mailboxes, safes, padlocks, lock sets, and cables; door stops, closers, and hooks; some weatherproofing including window shrink film, weatherstrips, insulation.
	3990	Miscellaneous Materials Handling Equipment	Includes Skids; Pallets.	Excludes Airfield Engine Transport Skids.		
	4010	Chain and Wire Rope	Includes Bead Chain; Weldless Chain; Single Leg Chain Assemblies; Wire Rope; Wire Cord; Single Leg Wire Assemblies.	Excludes Power Transmission Chain (FSC 3020); Slings.	Note-Chain and wire rope, with attachments or terminations will be classified in this class when they are for general use. a. Chain is a series of flexible links and/or rings fitted into one another used for supporting, lifting, restraining, dragging, or transmitting power. b. Wire rope is formed from strands of twisted wire.	
	4020	Fiber Rope, Cordage, and Twine	Includes Fibrous Cord Assemblies; Fibrous Cord; Fibrous Rope; Fibrous Twine.	Excludes Wire Rope (FSC 4010); Slings (FSC 3940).	Note-Fiber rope is classified in this class when it is bulk material or for general use. Items with attachments and/or terminations are identified in this class unless a more specific item name is used. a. Fiber rope is flexible twisted strands of manila, nylon or other fiber. b. Cordage is ropes or cords used in rigging (see item name definitions for parameters). c. Twine is two or more strands twisted together.	
	4720	Hose and Flexible Tubing	Includes Air Duct, Metallic, Nonmetallic, and Textile Fiber Hoses and their assemblies; Flexible Tubing and their assemblies.	Excludes Conduit and their assemblies (FSC 5975); Laboratory Tubes (FSC 6640); Medical and Surgical Tubes (FSC 6515); Rigid Tubing and their assemblies (FSC 4710).		
	4730	Hose, Pipe, Tube, Lubrication, and Railing Fittings	Includes Adapters; Bends; Caps; Clamps; Connectors; Couplings; Crosses; Elbows; Expansion Joints; Ferrules; Flanges; Laterals; Lubrication Fittings; Manifolds; Nipples; Nozzles; Outlets; Plugs; Reducers; Swing and Swivel Joints; Tees; Traps; Unions; Wyes.	Excludes Air Conditioning-Heating Fittings (FSC 4520); Bituminized Fiber and Concrete Fittings (FSC 5630); Conduit Boxes and Fittings (FSC 5975); Downspout Fittings (FSC 5670); Medical and Surgical Fittings (FSC 6515); Laboratory Fittings (FSC 6640); Post Caps and Rail Ends (FSC 5660); Machine Thread Bushings and Plugs (FSC 5365).		
	5305	Screws				
	5310	Nuts and Washers	Includes Locknuts; Eye Nuts; Plain Nuts; Castellated Nuts; Wing Nuts; Plate Nuts; Push on Nuts; Concave and Convex Washers; Flat Washers; Keyed Washers; Lock Washers; Shouldered Washers; Split Washers.	Excludes Bearing Thrust Washers (FSC 3120); Shims (FSC 5365); Ring Spacers (FSC 5365); Plate Spacers (FSC 5365); Lock Rings (FSC 5365).	Note-Nuts and washers, including specially designed, are to be classified in this FSC. a. Nuts are a small metal block made in a variety of shapes such as square and hexagonal which is drilled and internally threaded. b. Washers are a perforated piece of metal, leather, or other materials of various shapes or forms. They are used primarily as a seat for a bolt, nut, screw, rivet or nail to distribute pressure and prevent endwise motion over an area and/or to prevent movement between two parts by means of restraining features created by the shape of its edges.	

5315	Nails, Machine Keys, and Pins	Includes Dowel Pins, Split Pins; Spikes; Tacks; Nonoffice Type Staples; Machine Keys; Brads; Shouldered Pins; Cotter Pins; Nails.	Excludes Shafts (FSC 3040); Lock Keys (FSC 5340).	Note-Nails, machine keys, and pins, including specially designed, will be classified in this FSC. a. Nails are slender, usually pointed fasteners with a head, and designed for insertion by impact. b. Machine keys are items generally inserted between two items, usually in a groove, to prevent relative rotation e.g., shaft and hub. c. Pins are cylindrical items of various materials used to align/attach two or more parts together and may allow for angular movement.
5330	Packing and Gasket Materials	Includes General Purpose Oil Grease, Air, Liquid, Gas, and chemical Seals; Oakum; Prefabricated Gaskets and Seals designed for a single specific application.	Excludes O-Rings (FSC 5331); Bulk material items, such as; Rubber, Cork, and Asbestos Sheets and Strips (FSG 93); Liquid Gasket Materials (RTV, Permatex, etc.) (FSG 80); RFI and EMI Seals and Gaskets (FSC 5999), and all Seal Retainers.	Note-This FSC includes only seals and gaskets designed for standard use. Seals, gaskets and packing are made from materials specifically designed and constructed to resist deterioration from the action of heat, gas, chemicals, liquids, and used to fill a cavity and create a tight seal. Similar materials used to make seals, gaskets, and packing are available in bulk form, refer to FSG 93, FSG 80, and FSG 83.
5335	Metal Screening	Includes Insect Screening; Industrial Metal Cloth; Industrial Metal Mesh.	Excludes Fencing (FSC 5660).	Note-Metal Screening is a perforated plate or cylinder or a meshed wire fabric usually mounted and used to separate coarse from finer parts.
5340	Hardware, Commercial	Includes Access Covers; Bumpers; Casters; Cabinet and Door Hardware; Clevises; Hinges; Latches; Straps and Strapping; Turnbuckles; Webbed Straps.	Excludes Weapons System Hardware (FSC 5342).	Note-Common hardware designed primarily for commercial use will be classified in this FSC. Hardware is the physical, tangible and permanent components of end items that may not be classified elsewhere. It consists also of common items that are commonly used in construction and/or manufacturing (e.g., hinges, door locks).
5345	Disks and Stones, Abrasive	Includes Abrasive Belts and Belting; Hones; Abrasive Wheels, Multiapplication.	Excludes Dental Abrasives; Abrasive Cones, and other Abrasive Attachments for equipment.	
6130	Converters, Electrical, Nonrotating	Includes Complete Battery Charging Equipment, Nonrotating; Power Supplies, Multiapplication.	Excludes Rectifying Tubes; (FSC 5960); Rectifying Crystals (FSC 5961); Rotating Equipment (FSC 6125); Transformers (FSC 5950); and Semiconductor Devices and Associated Hardware (FSC 5961).	Note-This class includes devices employing a means other than mechanical rotation for changing electrical energy from one form to another (i.e., AC to AC, DC to DC, AC to DC, and DC to AC).
6135	Batteries, Nonrechargeable	Includes Cells and Dry Batteries; Nuclear Batteries.		
6140	Batteries, Rechargeable	Includes Rechargeable Cells and Batteries.		
6625	Electrical and Electronic Properties Measuring and Testing Instruments	Includes Test Leads and Test Lead Attachments; Test instruments designed for communication equipment; Test instruments designed for use with electronic equipment classified in two or more FSC groups.	Excludes Radiac Equipment	Note-This class includes all "basic" types of electrical and electronic test instruments, such as ammeters, voltmeters, ohmmeters, multimeters, and similar instruments, even if specially designed. Excluded from this class by the modifier "except specially designed" are test instruments, other than "basic" instruments, which are specially designed for use with atomic ordnance, fire control, guided missile, motor vehicle, aircraft, or photographic equipment. Such specially designed test instruments are to be classified in other classes in the Federal Supply Classification. This class includes communications test equipment, infrared test equipment designed for communication, and night vision maintenance and test specialized equipment.

	6650	Optical Instruments, Test Equipment, Components and Accessories	Includes Binoculars; Magnifiers; Microscopes; Periscopes; Telescopes; Optical Elements; such as Lens, Prisms, Windows; Optical Benches and Associated Devices; Endoscopes, Fiber Optics (Non-Medical).	Excludes Fire Control Instruments, Optical; Surveying Instruments, Optical; Photogrammetric Instruments; Octants; and Sextants; Optical Instruments Integrated with Fire Control Equipment; Ophthalmological Instruments; Electronic Fiber Optic Test Equipment; Medical Endoscopes.		
	6680	Liquid and Gas Flow, Liquid Level, and Mechanical Motion Measuring Instruments	Includes Liquid Level Float Instruments; Revolution Counters; Speedometers; Rotation Measuring Instruments and Apparatus; Oxygen Flow Indicators; Tachometers, including Engine Tachometers.	Excludes Combination Instruments; (FSC 6695); Meteorological Instruments (FSC 6660); and Automatic Control Valves (FSG 48).		
Hardware - Electrical and Power, Lighting; Heating and Cooling, Pumps and Motors	3510	Laundry and Dry Cleaning Equipment	Includes Washing Machines; Extractors; Wringers; Drying Tumblers; Ironers; Presses; Starching Machines; Marking Equipment; Mobile Laundry and Dry Cleaning Units.			
	5920	Fuses, Arrestors, Absorbers, and Protectors	Includes Fuseholders; Fuse Boxes; Fuse Posts; Fuse Links; Fuse Blocks; Current Limiters; Corona Balls; Electrostatic Dischargers.	Excludes Circuit Breakers.		Electrical and Power, Lighting items in the spirit of a hardware store catalog, to include electrical wiring and cable, transistors, actuators, cable protectors, regulators, boxes and covers; connectors, terminals, and clips; splice kits; wall plates, electrical outlets; plugs, receptacles, and adapters; cord reels, power strips, surge protectors, conduits & fittings, circuit breakers, panels, and ground fault circuit interrupters; smaller motors and parts; Lighting including work lights, emergency lights, light bulbs, light switches, and dimmers; flashlights and lanterns; non-powered lighting including chemi-luminescent lights; generators, power centers; push button stations; walkie-talkies and two-way radios; smoke detectors, carbon monoxide detectors. Heating and Cooling, Pumps and Motors items in the spirit of a hardware store catalog, including plumbing fixtures and accessories, pipes, valves, air regulators, fittings, washers, and gaskets for plumbing repair.
	5965	Headsets, Handsets, Microphones and Speakers				
	5970	Electrical Insulators and Insulating Materials	Includes Tube, Knob, Cleat, Strain, and Standoff Insulators; Feed Thru Insulators; Bead Insulators; Varnish Cambric Tape; Friction Tape.			
	6110	Electrical Control Equipment	Includes Contactors; Motor Controllers; Power Servomechanisms; Switchgear; Voltage Regulators.	Excludes Automatic Pilot Mechanisms; Relays; Resistors.		
	6150	Miscellaneous Electric Power and Distribution Equipment	Includes Appliance and Extension Cords; Electric Power and Distribution Cable with Attachments, Multiapplication; Common Components of Electrical Rotating Equipment, such as End Bells and Frames.			
	6210	Indoor and Outdoor Electric Lighting Fixtures	Includes Airport, Railroad Platform, Stadium, and Street Lighting Fixtures.	Excludes Nonelectrical Outdoor Fixtures; Signal Fixtures; Nonelectrical Indoor Fixtures.		
	6230	Electric Portable and Hand Lighting Equipment	Includes Floodlights; Searchlights; Extension Lights.	Excludes Nonelectrical Portable and Hand Lighting Equipment; Signal and Alarm Equipment.		
	6260	Nonelectrical Lighting Fixtures	Includes Lanterns, Nonelectrical; Hand and Portable Carbide Lamps; Candles.			

4110	Refrigeration Equipment	Includes Grocery Type Display Cases; Ice Cream Cabinets; Drinking Fountains (except Portable and stationary types classified in Class 4510); Professional and Scientific Refrigerators; Rivet Coolers; Photographic Refrigerators; Mortuary Refrigerators; Household and Commercial Refrigerators; Grocery Type Showcases; and other types of refrigeration equipment of the commissary or food store type.	Excludes Cafeteria Type Refrigerated Display Cases; Soda Fountains; Milk, Soda, and/or Ice Cream Dispensers; Cold Food Counters; Carbonators; Combination Heated-Refrigerated Food Serving Equipment; Cafeteria Type Showcases; Chilling Equipment Used for Display and Serving of Food (see Class 7310 for these items). Also excluded from this class are refrigeration components (see Class 4130).	Note-This class includes only complete refrigeration equipment, whether refrigerated from an integral or remote mechanical refrigeration unit or system. Also included in this class are refrigeration plants, and complete "packaged" refrigeration units and systems containing a power driven compressor, condenser, evaporator, and all other necessary components to refrigerate an enclosed space. Nonoperating accessories such as ice trays, shelves, and panels are included in this class. Excluded from this class are operating components, assemblies, parts, attachments, or accessories, for use in or on complete refrigeration equipment, plants, systems, or the "packaged" refrigeration units, and which are to be classified in Class 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC.
4130	Refrigeration and Air Conditioning Components	Includes Heat Exchanger Equipment; Refrigerant Strainers; Refrigeration Compressors; Air Conditioning and Refrigeration Servicing Equipment, such as Charging and testing manifolds, Lines and Units; Operating Components of Refrigeration and Air Conditioning Equipment, Plants, and Systems classified in classes 4110 and 4120.	Excludes Refrigeration and Air Conditioning Plants (see classes 4110 and 4120); Collections of Refrigeration Components "packaged" as a unit including a refrigeration compressor, condenser, evaporator, etc., specifically designed and tailored for applications such as walk-in type refrigerators. Individual components of the "packaged" unit will be classified in class 4130, or as otherwise specifically prescribed by the indexes and structure of the FSC. The complete "package" unit will be classified in class 4110.	
4140	Fans, Air Circulators, and Blower Equipment	Includes Wall Type Fans; Pedestal Type Fans; Household Type and Attic Type Exhaust Fans; Floor Fans; Forged Draft Exhaust and Disposal Kits; Fans, Air Circulators, and Blower Equipment, whether designated as "industrial" or "nonindustrial" by application and/or use.	Excludes Combination Heater-Fans (FSC 4520).	Note-Fans and impellers which are specifically designed for use with specific individual types of equipment are to be classified in the same classes as their next higher assemblies or in the appropriate components or accessories classes (as in Group 25 or 29 or Class 1680) as prescribed by the indexes and structure of the FSC.
4320	Power and Hand Pumps		Excludes Laboratory Jet Pumps (FSG 65 and 66).	
4510	Plumbing Fixtures and Accessories	Includes Bathtubs; Commodes; Lavatories; Shower Cabinets; Sinks; Water Closets; Accessories and Component Parts, such as Dispensers, Faucets, Holders, Racks, Shower Heads, Flush Valves and Stop Valves.	Excludes Fittings and Specialties for Hose, Pipe and Tube (FSC 4730).	
4520	Space and Water Heating Equipment	Includes Boilers, 15 pounds WSP and under (for boilers over 15 pounds WSP, see FSC 4410); Domestic Water Storage Tanks through 100 gallon capacity; Fireplace Heaters; Furnaces; Space Heaters; Heating Radiators; Immersion Heaters; Water Heaters, through 100 gallon recovery capacity (for heaters over 100 gallons recovery capacity, see FSC 4410).	Excludes Vehicle Heaters; (FSC 2540); Aircraft Heaters (FSC 1660).	

Hardware - Industrial Supplies	4940	Miscellaneous Maintenance and Repair Shop Specialized Equipment	Includes Paint Spraying Equipment.	Excludes Hand Tools (FSG 51).	Industrial Supplies in the spirit of a hardware store catalog including welding equipment, sandblasting equipment; mats, and blasting material. Safety protection and aid, including face and head protection, respiratory protection; coolers and hydration; hard hats, high visibility apparel, traffic cones, road flares, protective goggles, gloves, ear protection. Some automotive maintenance and repair shop items including key chains, auto first aid kits, paint markers, drip pans, funnels, gasoline and oil dispensing cans and accessories.
	5350	Abrasive Materials	Includes Cloth; Papers; Powders; Abrasive Polishing Compounds; Metal Finishing Abrasives; Industrial Diamonds; Diamond Dust; Rouge.		Some time measuring and navigational instruments.
	6605	Navigational Instruments	Includes Azimuths; Sextants; Octants; Compasses; Plotting Boards; Underwater Log Equipment; Air Position Indicators; Drift Meters.		Some chemicals related to industrial supplies, including antifreeze, starter fluid, oil/coolant/solvent absorbent; sodium chloride, and sodium bicarbonate (industrial-use salts). Category also includes some containers/storage and packing supplies, including tape, crates, bags, boxes, and utility pails.
	6645	Time Measuring Instruments	Includes Clocks; Job Recording Devices; Time Recorders; Time Stamps, Watch and Clock Movements; Watches.		
	6660	Meteorological Instruments and Apparatus	Includes Meteorological Ballons; Radiosonde Sets; Radarosonde Sets.		
	6685	Pressure, Temperature, and Humidity Measuring and Controlling Instruments	Includes Thermometers, including Engine Thermometers; Pressure Gages; Thermocouple Leads; Resistance Bulbs.	Excludes Clinical Thermometers; (FSC 6515); Thermostatic and Differential Pressure Switches (FSC 5930); and Meteorological Instruments (FSC 6660).	
Tools - Hand Tools, Automotive/Mechanics	5120	Hand Tools, Nonedged, Nonpowered	Includes Hammers; Picks; Pliers, except pliers for cutting only; Screwdrivers; Shovels; Construction Rakes, Forks and Hoes; Jacks, including Contractors' Jacks; Wrecking Bars; Glue Pots; Blowtorches.	Excludes Craftsman's Measuring Tools; Gardening Rakes, Forks, Hoes, and other Garden Tools.	Automotive and Mechanics Hand Tools, non-powered, non-edged, in the spirit of a hardware store catalog, including socket wrenches, torque wrenches, cutters, scrapers, non-powered drills, manual impact wrenches, nutdrivers, ratchets, sockets, punches, taps and dies, connector tools, fuse pullers, and specialty tools. Accessories/attachments for Automotive and Mechanics Tools.
Tools - Hand Tools, Household and Miscellaneous	5120	Hand Tools, Nonedged, Nonpowered	Includes Hammers; Picks; Pliers, except pliers for cutting only; Screwdrivers; Shovels; Construction Rakes, Forks and Hoes; Jacks, including Contractors' Jacks; Wrecking Bars; Glue Pots; Blowtorches.	Excludes Craftsman's Measuring Tools; Gardening Rakes, Forks, Hoes, and other Garden Tools.	Household and Miscellaneous Hand Tools, non-powered, non-edged, in the spirit of a hardware store catalog, including microshavers, screw starters, nippers, mallets, staple guns, cutting and stripping tools. Accessories/attachments for Household and Miscellaneous Tools.
Tools - Hand Tools, Industrial/Tradesman's Tools	5120	Hand Tools, Nonedged, Nonpowered	Includes Hammers; Picks; Pliers, except pliers for cutting only; Screwdrivers; Shovels; Construction Rakes, Forks and Hoes; Jacks, including Contractors' Jacks; Wrecking Bars; Glue Pots; Blowtorches.	Excludes Craftsman's Measuring Tools; Gardening Rakes, Forks, Hoes, and other Garden Tools.	Industrial/Tradesman's Hand Tools, non-powered, non-edged, in the spirit of a hardware store catalog, including riveters, drills, sealant guns, chisels, scribers, nail sets, vise and vise caps, dispensing tools, set-up and layout tools, clamps, holders. Accessories/attachments for Industrial/Tradesman's tools.
Tools - Non-Powered	5110	Hand Tools, Edged, Nonpowered	Includes Chisels; Files; Pipe Cutters; Rasps; Saws; Screw Plates; Axes; Hatchets; Machetes.		Hand tools, edged, nonpowered in the spirit of a hardware store catalog, including replacement handles for axes and hatchets; non-powered tools

	5180	Sets, Kits, and Outfits of Hand Tools			Note-This class includes sets, kits and outfits consisting of several different items classifiable either in a single class or in several classes. Excluded from this class are sets, kits and outfits consisting of variations (such as size or color) of an item. Classify these items in the same class as the individual item.	
	5210	Measuring Tools, Craftsmen's	Includes Calipers; Levels; Micrometers; Plumb Bobs; Precision Tapes; Squares; Angle Gages; Center Gages; Depth Gages; Draw Gages; Drill Point Gages; Fillet and Radius Gages; Glaziers' Gages; Height Gages (Vernier); Planer Gages; Rivet Selector Gages; Saw Tooth Set Gages; Screw Pitch Gages; Surface Gages; Telescoping Gages; Thickness Gages; Tube Bead Gages; Tube Flare Gages; Twist Drill Gages; Twist Drill and Rod Gages; Twist Drill and Tap Gages; Taper-Wire-Thickness Gages; Wire Gages; Tool Setting Planer and Shaper Gages; Gage Blocks.		Note-This class does not include special inspection gages, which are classified in Class 5220.	
Tools - Powered	5130	Hand Tools, Power Driven	Includes Drills; Riveters; Portable Electric Saws; Pneumatic Tools; Abrasive Wheels, Cones, and other Abrasive Attachments for use only on Hand Held Power Tools.			Power Driven Hand Tools in the spirit of a hardware store catalog, including but not limited to: hammer drills, grinders, routers, sanders, saws, screwdrivers, drills, etchers, staple guns, nail guns, torque wrenches, drivers, socket wrenches, scalers, microshavers, hammers, grinders, impact wrenches, polishers, nutrunners, air vacuums, sealant guns, ratchets, nippers, punches, cutting and stripping tools, measuring tools, swaging tools, automotive specialty tools, jacks, and connector tools. Powered Tool Kits and components. Accessories/attachments for power tools, including but not limited to abrasive paper, disks, and wheels.
	5133	Drill Bits, Counterbores, and Countersinks: Hand and Machine				
	5136	Taps, Dies, and Collets; Hand and Machine		Excludes Punching, Stamping, and Marking Dies.		
Tools - Tool Bags, Boxes, and Organizers	5140	Tool and Hardware Boxes				Tool Bags, Boxes, and Organizers in the spirit of a hardware store catalog, including but not limited to: boxes, cabinets, chests, holders, rolls, satchels, bags, pouches, and organizers for the storage of tools and tool accessories including but not limited to: portable, stationary, vehicle mounted, workbench mounted, hand-held, antistatic, rugged, modular, secure, locking, stackable and safety.