aluminized—in chain link fabric, describes fabric woven from steel wire that is coated with aluminum before weaving (see Specification A 491 superscript 2).

barb—as related to barbed wire- a short length of wire, with exposed ends cut on a bias to produce sharp points. See Specifications F 1665 and A 121.

barbed tape—strip of metal, machined to produce clusters of sharp points (see Terminology F 1379 superscript 2 for further information).

barbed wire—a fabricated wire product consisting of two line wires twisted to form a two-wire strand, into which 2–point or 4–point barbs are tightly wrapped and locked into place at specific intervals. (Syn. barbwire). See Specifications F 1665 and A 121.

barbed wire arm—a post fitting used to hold barbed wire in place. May be vertical or angled to hold three or more strands of barbed wire, or “V” shaped to hold six or more strands of barbed wire.

barbed wire arm base—a casting of aluminum, malleable iron, or steel, used in combination with one or two barbed wire extension arms held in place by a bolt and nut.

barbed wire extension arm—pressed aluminum or pressed galvanized steel used in combination with barbed wire arm base to hold three strands of barbed wire either vertically or angled in or out from the fence line. Also used in pairs in a “V” configuration to hold 6 strands of barbed wire.

bottom protective plate—a safety device installed on a Type II, Class 1, cantilever slide gate with external rollers to isolate the lower roller mechanism to reduce the possibility of contact with the roller mechanism by a person. See Specification F 1184 superscript 2.

bottom rail—horizontal member of the framework running continuously along the bottom edge of the fence.

e—component of a double gate latch assembly (sometimes called drop rod) (see Specification F 900 superscript 2).

drop bar—component of a double gate latch assembly (sometimes called drop rod) (see Specification F 900 superscript 2).

diamond count—the number of diamond openings from one edge of fabric to the other. The count of a given fabric shall begin at the first completed diamond at one edge and continue to the unfinished (half) or full opening at the other edge (see Fig. 3).

double drive gate—a gate comprised of two gate leaves which is used to close a gate opening through which vehicles are intended to pass. While often referring to a swing gate (that is, double swing gate), the gate may be any double leaf gate intended for vehicular (that is, slide gate or others). See specifications F 654, F 900, and F 1184 superscript 2.

double drive gate—any horizontal slide gate spanning an opening lacking a top or bottom support within that opening (see Specification F 1184 superscript 3).
end post—the terminal post at the end of a line of fence (see Fig. 4).
end rail clamp—a two-piece clamp with carriage bolt and nut designed for horizontal rail connections to an end post.
fabric (chain link fence)—a fencing material made from wire helically wound and interwoven in such a manner as to provide a continuous mesh without knots or ties except in the form of knuckling or of twisting the ends of the wires to form the selvages of the fabric (see Fig. 5).
flange—in chain link fencing, a plate or casting for securing a post to a floor or a horizontal rail to a wall.
frame hinge—a fitting that attaches to the gate frame and functions with the post hinge.
framework—the basic structure supporting installed fabric, namely the posts, rails, and tension wire.
galvanized—pertaining to zinc-coated articles.
galvanized after weaving—in chain link fabric, describes steel fabric that is hot-dip coated with zinc after weaving (see Specification A 3922).
galvanized before weaving—in chain link fabric, describes fabric that is woven from steel wire galvanized before weaving.
gate—a moveable barrier placed in a fence opening (gate opening) which allows the opening to be closed. See Specifications F 654, F 900, and F 1184.
gate clip—a galvanized pressed steel or pressed aluminum fitting designed to secure chain link fabric to the vertical sides of a gate frame.
gate frame—the structural member(s) of the gate.
gate holdback or keeper—a device to receive and hold the gate leaf in an open position.
gate latch—a fitting to hold the gate in place when closed.
gate leaf—a component of a swing gate which consists of a gate frame covered with chain link fabric and/or other material. See Specifications F 654 and F 900.
gate opening—the clear distance between the gate posts.
gate post—the post to which a gate is attached via hinges. It may also be used as a terminal post.
gate transom—a panel of chain link fabric over the top of a gate opening, framed with top and bottom rail. Typically used in tennis court fence (see Practice F 969).
height—the distance before stretching from one outer edge of a knuckle or twist to the outer edge of the knuckle or twist on the opposite edge of fabric.
hinge pin—an upright pivot used to connect the gate frame hinge to the post hinge, allowing a swing gate to open or close. See frame hinge and post hinge.
hog ring—a preformed open wire clip designed to close up into a ring to secure chain link fabric to horizontal tension
wire (see Specification F 6262).

**intermediate rail**—horizontal member of the framework running continuously at any point between the top and bottom of the fence (sometimes called *middle rail*).

**knuckle**—the selvage obtained by interlocking adjacent pairs of wire ends and bending the wire back into a loop (see Fig. 6).

**line post**—the intermediate post in a fence line supporting the top rail or tension wire and barb arm where applicable (see Fig. 7).

**line post cap**—a cap or top with a loop used to position the top rail or tension wire on top of the line posts (see Fig. 8).

**line rail clamp**—See *boulevard clamp*.

**loop cap**—See *line post cap*.

**marcelling**—a process whereby either a uniform helix or a series of waves put in a wire to facilitate tensioning the wire when installed to support the top or bottom or both, of the chain link fence fabric (that is, marcelled tension wire). See *tension wire* and Specification A 824.

**mesh**—in *chain link fabric*, the clear distance between parallel wires forming a diamond.

**middle rail**—See *intermediate rail*.

**offset hinge**—a swing gate hinge that permits the gate to swing 180° from the closed to the open position (see Specification F 900²).

**overhead slide gate**—any horizontal slide gate supported only from above (see Specification F 1184²).

**pedestrian gate**—a gate, usually comprised of a single leaf, which is used to close a gate opening through which pedestrians are intended to pass. While often referring to a swing gate, the gate may be of any single leaf gate intended for pedestrian use (that is, slide gate or others). See Specifications F 654, F 900, and F 1184².

**panel clamp**—a two-piece clamp with carriage bolt and nut, designed to secure prefabricated panels on free standing enclosures.

**picket**—a helically formed steel wire interwoven in the manufacture of chain link fabric or used for field splicing rolls of fabric into continuous chain link mesh from terminal post to terminal post.

**polymer coating**—a term used to describe color coatings such as PVC (poly(vinyl chloride)), polyester, and clear coatings such as polyurethane and acrylic urethane (see Specifications F 668, F 934, and F 1234²).

**post cap**—a fitting atop a post usually to exclude water from tubular posts.

**post hinge**—a fitting that attaches to the gate post, the pintle of which fits the frame hinge permitting the gate to swing (see Fig. 9).

**pull post**—a terminal post used in a line of fence to brace a long stretch or to effect a change in elevation along the fence line.

**PVC**—poly(vinyl chloride) coating on fence materials.

**rail end**—a cup-shaped fitting used with a brace band to connect the top rail or brace to a post (see Fig. 10).

**raid end band**—See *brace band*.

**scroll**—a decorative ornament on top of a gate.

**selvage**—the edge finish on woven chain link fabric joining pairs of pickets. The selvage may be knuckled or twisted (see Fig. 6 and Fig. 11).

**sleeve, post**—a specified length of tube or pipe set into a concrete wall, grade beam, or slab, into which fence posts are later placed.

**sleeve, toprail**—a fitting used to join two pieces of toprail when a swedged toprail is not used (see Fig. 12).

**stretching**—the process of putting tension on the fabric to make it hang uniformly along the line of fence between terminal posts.
swedge—the formed end of a piece of toprail so that it will fit into and join another piece of toprail (see Fig. 13).

swing gate—a gate leaf attached to one gate post using hinges (frame and post hinges) which allow the gate leaf to open or close by pivoting on the hinges and to the opposite gate post or another gate leaf with a latch or other device. Swing gates may be single swing (one leaf) or double swing (two leaves). See Specifications F 654 and F 900.

tension band—an offset strip of metal shaped to fit around the terminal post and used with a carriage bolt and nut to attach the tension bar to the post (see Fig. 14).

tension bar—the bar used with tension bands or other post connectors to secure the fabric to a terminal post (see Fig. 15).

tension wire—a wire, with or without a marcelled pattern (see marcelling), typically used along the top of a chain link fence in place of a top rail and along the bottom of a chain link fence for additional security. See Specification A 824 for marcelled tension wire. (Syn. coil spring wire.)

terminal post—the basic load-bearing component for a line of fence, to or from which the fabric is stretched; it may be an end, gate, corner or pull post.

tie—wire, clip, or band used to attach the fabric to the top rail and line posts (see Fig. 16 and Specification F 626).

top rail—horizontal member of the framework running from terminal post to terminal post on top of the line posts (see Fig. 7).

top roller guard—a safety device installed on a Type II, Class 1, cantilever slide gate with external rollers to isolate the upper roller mechanism to reduce the possibility of contact with the roller mechanism by a person. See Specification F 1184.

trusss rod—a tensioning rod, used for bracing in gates and at terminal posts. May be threaded at one or both ends or contain a tighter or turnbuckle for adjusting tension.

trusss rod tighter—a tightening device used with an adjusting nut and a truss rod (sometimes incorrectly called turnbuckle).

turnbuckle—a tightening device with left hand and right hand threads at opposite ends, used with a truss rod.

twist—the type of selvage obtained by twisting adjacent pairs of wire ends together in a close helix of 1½ machine turns, which is equivalent to three full twists (see Fig. 11).

vehicular gate—a structure used to close a gate opening through which vehicles are intended to pass. See Specifications F 654, F 900, and F 1184.

Zn-5Al-MM—an abbreviation describing an alloy of zinc, 5% aluminum, and mischmetal, employed as a metallic coating over steel wire or steel sheet used in the manufacture of chain link fabric, fence framework materials, and other products (see Specifications F 1234 and F 1345).

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