

MASTER HALCO CHAIN LINK FABRIC SELECTION

Chain Link Fabric Mesh and Wire Gauge Configurations with Wire Break Load

| Mesh Size | 6 gauge | 9 gauge | 11 gauge | 11 1/2 gauge | *12 gauge |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Inches (mm) | 0.192 in. (4.88 mm) | 0.148 in. (3.76 mm) | 0.120 in. (3.05 mm) | 0.113 in. (2.87 mm) | 0.105 in. (2.67 mm) |
| 2 (50.8) | S, HI | HI, I, C, R | C, R | R | R |
| 1 3/4 (44.5) | S, HI | HI, I, T | T | R | R |
| 1 1/4 (31.8) | NM | S, HI | I, C, R, P | C, R, P | R, P |
| 1 (25.4) | NM | S, HI, I | HI, I, C | I, C, R | R |
| 5/8 (15.8) | NM | HS | HS, S | S | S, HI |
| 1/2 (12.7) | NM | HS | HS, S | S | S, HI |
| 3/8 (9.5) | NM | NM | HS, S | HS, S | S, HI |
| Wire Breakload lbf | 2170 | 1290 | 850 | 750 | 650 |
| Wire Breakload N | 9650 | 5740 | 3780 | 3340 | 2890 |

[2" 9 gauge is the most specified mesh for commercial and industrial applications]

General Applications: C = Commercial I = Industrial HI = Heavy Industrial
R = Residential T = Tennis court S = Security HS = High Security
NM =Not Manufactured P = residential swimming pool fabric

Polymer coated wire gauge is designated by the steel wire core gauge not the coated finish

*12 gauge core PVC coated fabric

Chain link fabric height: The standard heights produced are 3 feet up to 12 feet. Some fabrics can be special ordered in heights up to 20 feet.

Chain link fabric selvage (top and bottom edge finish): Knuckled selvage refers to bending the two adjacent pairs of wire back into a tight loop. Twist selvage refers to twisting the adjacent pairs of wire into a close helix of the equivalent to three full twists. The twist selvage has two sharp points for the purpose of enhancing security, for security applications the twist selvage can be specified for the top and bottom selvage. For consumer safety consideration, chain link fabric having 2 inch mesh in heights less than 72 inches and fabric having a mesh size less than 2 inches are manufactured having a knuckled finish at the top and bottom, "K&K". Chain link fabric having 2 inch mesh in heights 72 inches and greater is manufactured having a knuckle finish at one selvage and a twist selvage at the other, "K&T".

SAFETY ALERT: Specify K&K selvage for 2 inch mesh in heights 72 inches and greater for play area, parks, play fields, ball fields, pools etc.