

Bird-X Bird Net Specifications

Bird-X, Inc
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Chemical Properties: High Density Polythethylene (HDPE). Chemically inert. Will not absorb water.

High-density polyethylene (HDPE) or polyethylene high-density (PEHD) is a polyethylene thermoplastic made from petroleum. It takes 1.75 kilograms of petroleum (in terms of energy and raw materials) to make one kilogram of HDPE.

Electrical Properties: Non-conductive

UV Stability: UV Stability: UV protection system of Hindered Amine Light Stabilizers (HALS), Anti-oxidants and weather resistant pigments formulated exclusively for Bird-X by CIBA Specialty Chemicals.

Service Life: We stabilize our nets to the maximum amount recommended by Ciba Specialty Chemicals - that will not cause a significant loss of tensile strength. Even so, the service life of the net you install will vary tremendously by location and application. Heat, sun, light, high altitude, wind, chemicals and other factors all lead to reduced life. A net that is completely protected from the elements will last a very long time. A net covering a hot air conditioner condenser on a roof in Florida with seasonal hurricanes and constant buffeting of sea breezes will have a much shorter useful life. If two nets are of similar construction and formulation, but one is black and the other is not, the black net will last longer. Use only black nets in the harshest applications. If a customer insists on a stone net in a harsh environment, be sure to disclose to them the fact that the service life is shorter than a black net. Please keep these things in mind when making recommendations to your customers.

Thermal Properties: Melting point in excess of 250 degrees F. Flame resistant. Can be heated for short periods of time in excess of 500 degrees F.

Flammability: Burns slowly in air. Fine filaments tend to melt and drop away before propagating flame.

Construction:	12/6 construction – 6 strands of UV protected HDPE yarn, each 0.012 inch in diameter.
Break strength:	52 lbs per strand
ISO 1806 Mesh Strength Test:	Peak Load 35.32 lbs of force, as compared to 29.85 lbs for competing netting tested on the same day on the same equipment. <i>Tests conducted on a calibrated MTS Universal Testing Machine, model Qtest/50LP, System No. 1532.)</i>
24” Wide Span Orthogonal Strength Test	Peak Load 575 lbs force, as compared to 516 lbs for competing netting tested on the same day on the same equipment. <i>Tests conducted on a calibrated MTS Universal Testing Machine, model Qtest/50LP, System No. 1532.)</i>

Limited Warranty: Bird-X warrants that its products conform to Bird-X's printed specifications for such products at the time of sale by Bird-X. BIRD-X MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The exclusive remedy for Bird-X's breach of this Limited Warranty is that Bird-X may at its sole option repair or replace the product or refund the purchase price. Bird-X is not liable for any other loss or damage of any kind, including general, direct, special, consequential, incidental or punitive damages, or attorney fees. All claims must be made within two years after the date of Bird-X's sale or they are waived.