

## AFO MIST NETS

The Association of Field Ornithologists imports mist nets from Japan as a service to its members and other netters. Net income has been used to support Bergstrom Research Grants and publication of the Journal of Field Ornithology. The Manomet Bird Observatory acts as agent for AFO in the mist net business.

Most nets are in stock for immediate shipment. We generally have been able to fill orders promptly, but delays may occur for a variety of reasons, such as strikes or customs. If you know your needs in advance, an early order may avoid delay in your netting project.

The prices shown include shipment by surface parcel post within the U.S. If desired, we can ship by parcel post "special delivery" or "special handling" or air parcel post, at the actual extra cost. We make every effort to deliver by desired dates. Requests should consider limitations of the postal service.

For shipment outside the U.S., we charge the actual postage. On any shipment outside the U.S., the purchaser (1) arranges any import license or other formalities; (2) pays any custom duties or other charges levied by his or her country; and (3) pays for the net order in advance and will be invoiced for postage separately.

We regret that we cannot ship by other methods, such as United Parcel or Air Freight, partly because we have no convenient way for shipments of that sort to be picked up. Also the light weight of nets makes parcel post the most economical method in most cases. Note that we do not ship via freight forwarders or consolidators.

Massachusetts customers should allow for the state sales tax (currently 5%), unless exempt for charitable, educational or governmental reasons. Sales are not subject to local sales taxes outside Massachusetts, inasmuch as AFO has no premises or operations outside Massachusetts for the sale of nets.

If any invoice other than the standard AFO form is required, this must be specified at the time of the order, and a set of the forms provided.

### PRICES OF AFO MIST NETS

Net type	Orders not prepaid	Cash with order
ATX	28	26
CTX	28	26
DTX	16	15
ETX	28	28
FTX	37	34
GTX	21	19
HTX	30	28
JTX	17	16
KTX	33	30

Please note that prices may change due to increased costs from our Japanese supplier and/or changes of international exchange rates. AFO members receive a 10% discount on cash orders. If you need a firm price quote, it would be best to check ahead, by writing or calling (MBO phone no. is 508-224-6521/FAX 224-9220) during business hours.

**PLEASE MAKE CHECKS PAYABLE TO THE ASSOCIATION OF FIELD ORNITHOLOGISTS.**

Permits to band birds in the U.S. or Canada do not authorize the use of nets unless the permit is specifically endorsed.

**PLEASE SHOW THE APPLICABLE PERMIT NUMBER ON EVERY ORDER.**

Institutional purchase orders should name the individuals who will be responsible for use of the nets. AFO sells nets only for scientific purposes, to individuals or institutions that appear qualified to use them. We will decline sales where qualifications appear inadequate or unproven. Nets will not be sold for purposes such as control of the numbers of birds, for commercial collecting, or for resale.

## DESCRIPTION OF AFO MIST NETS

All nets are black, the best grade we can obtain in Japan. All are tethered and have nylon mesh and nylon shelfstrings (except that type KTX is made of teteron—a polyester).

Type	Length (meters)	Height (meters)	Shelves	Mesh (mm)	Denier
ATX	12	2.6	4	36	70
CTX	12	2.6	4	61	110
DTX	6	2.6	4	36	70
ETX	12	2.6	2	121	210
FTX	12	2.6	4	24	70
GTX	6	2.4	4	24	70
HTX	12	2.6	4	30	70
JTX	6	2.6	4	30	70
KTX	12	2.6	4	36	75

Height: as designated by the manufacturer (the user can vary the height of the top shelfstring from the ground somewhat, and must allow some slack in order to form shelf pockets).

Mesh: figures are "stretched."

Denier: weight of thread (lower numbers show a lighter thread). All yarn is two-ply, except 210 denier which is four-ply.

## CHOICE OF MIST NET TYPES

Although the choice of types is a matter of personal preference to some extent, some general guides may be outlined.

First, determine the best size of mesh for your purposes, depending on the species to be captured. No one size is efficient for all sizes of birds; outside the proper range of size, the net may be inefficient, become tangled, or birds may damage the net.

- 24 mm: specialty size, for kinglets, titmice, or the smallest wood warblers.
- 30 mm: recommended for wood warblers in general. The line of peak efficiency between this and 36 mm falls between birds taking U.S. band size 1 or less (30 mm) and those taking 1B or larger (36 mm). See "The Comparative Efficiency of 30 and 36 mm Mesh in Mist Nets: by M. A. Heimerdinger and R. C. Leberman, *Bird-Banding*, 37:280-286, 1966.
- 36 mm: the general-purpose size for small birds (see discussion above under 30 mm).
- 61 mm: the largest thrushes, doves, woodcocks, grackles, medium-sized shorebirds.
- 121 mm: grouse, large shorebirds, small- to medium-sized ducks and hawks.

Next consider net length. Use 12 meter types if you have the space, and 6 meter types generally only where space is limited.

Net orders or inquiries should be directed to: Mist Nets, Manomet Bird Observatory, Box 936, Manomet, Massachusetts 02345 U.S.A.