

Air-flow Tels

INSTRUCTIONS

Davis Air-flow Tels are wind-on-the-sail indicators. By showing the air flow across the sails, Tels allow you to trim sails for maximum performance. The result is better boat speed, less pinching, and no guesswork about placing the jib sheet lead forward or aft. No holes are required in the sails—waterproof adhesive locator discs attach the Tels. Tels are made of rip-stop nylon for maximum sensitivity and long life. High visibility. 14 Tels included in kit, in red and green (port and starboard colors).



How to Apply the Air-Flow Tels

1. Peel away protective backing from the self-adhesive disc.
2. Thread nylon streamer through slit in the disc so that approximately 1/2" (1.3 cm) of the end is affixed to the adhesive side of the disc. This ensures adequate adhesion of the Tel to the sail.
3. Place three sets of Tels 8 to 12" (20 to 30 cm) back from the luff of the sail. Space evenly along the luff (see diagram). Try to put all Tels in the middle of a panel to minimize possibility of fouling on stitching.

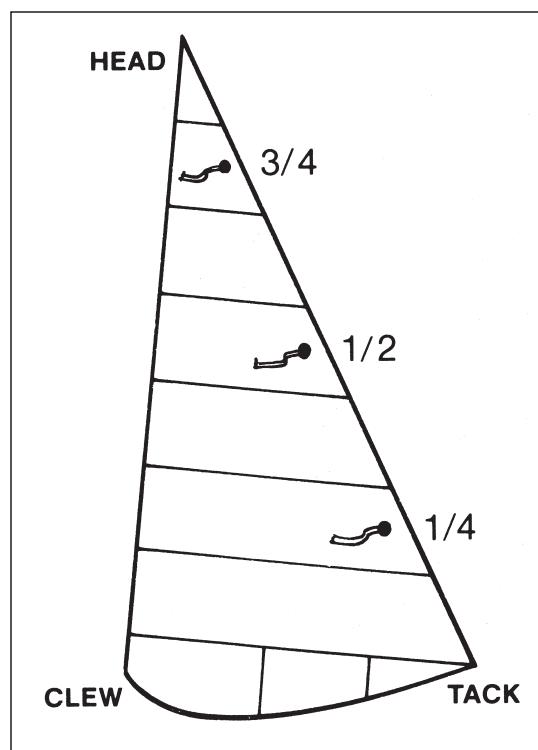
How to Read the Air-Flow Tels

When the basic trim of the sail is correct, the Tels on both sides of the luff will stream aft. When the sail needs trimming or if you are pointing too high, the windward Tel will dance upward. If you're trimmed in too tight or sailing too low, the leeward Tels will lift. When sailing a fixed course, adjust the jib to the Tels; when sailing "on the wind," adjust the boat direction.

Most boats are at maximum when the windward Tels are just barely fluttering. If both Tels are streaming straight aft, you can probably ease the sheet slightly.

To check the fore and aft placement of the jib fairlead, bring the boat onto a close-hauled course and trim the sail.

Observe the action of all three pairs of Tels. With a good fairlead position, all Tels should flow smoothly and horizontally. If the fairlead is too far aft, the highest windward and lowest leeward Tels will flutter. If the fairlead is too far forward, the highest leeward and lowest windward Tels will flutter. When a good setting is found for a particular sail and wind condition, take note of it for reference.



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