


# MD100 MicroDuct Tubing

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The MicroDuct Tubing (MD) is a technology breakthrough composed of a fluoropolymer resin and carbon nanotube blend used to transport air sample packets from the test area location back to the Air Data Router (ADR). This tubing provides a cost-effective solution for environments where carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), total volatile organic compounds (TVOC), particle counts, and dewpoint may be monitored. The absence of interlaced low voltage conductors does not allow discrete dry bulb temperature readings to be taken at the test area location. Therefore, calculated points including relative humidity and enthalpy are not available. Also, the lack of data communication and low voltage conductors makes MD not suitable for use as an alternative to OSC Structured Cable between the Sensor Suite and ADRs.

[Download the Data Sheet](https://dyzz9obi78pm5.cloudfront.net/app/image/id/67e543762ecd7ae6ff05d553/n/mdtubing-md100-2025-01.pdf)  (<https://dyzz9obi78pm5.cloudfront.net/app/image/id/67e543762ecd7ae6ff05d553/n/mdtubing-md100-2025-01.pdf>)