

Dual-Tech® Measurement Guidelines

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- Pieces are fabricated based off I.D. dimensions.
- Straights can be fabricated up to 98.5" (8'-2 1/2") long not greater than 38" in width or height (ID).
- Straights can be fabricated up to 46.5" (3'-10 1/2") long greater than 38" in width or height (ID).
- Fittings (Elbows, Radius Elbows, Offsets, Etc.) are fabricated with a 6" leg on each side
- Radius elbow / radius 45° throat radius minimum of 8" to I.D.
- Typical transitions are fabricated with a 6" leg on each side, typically 24-36" total length (based on transition severity).
- Shoe taps min. length 15" from O.D. of ductwork
- **DUCT ORIENTATION IS REQUIRED WITH A CLEARLY MARKED "TOP" AS TO FABRICATE THE PROPER WATERSHED.**

Support Notes:

- See SMACNA's "HVAC Duct Construction Standards – Metal and Flexible".
- Hanger/support type per specifications and/or SMACNA's "HVAC Duct Construction Standard – Metal and Flexible".

General Notes:

- **Customer to provide layout drawings and piece list for fabrication.**
- Dual-Tech® material must be protected from the elements until installation.
- Opposed blade dampers if required to be supplied by the customer for PTM installation. If the use of opposed blade dampers was not noted on the bid drawings used, then an additional charge may apply.
- **Ductwork will be fabricated per SMACNA's "Phenolic Duct Construction Standards", Kingspan Insulation certified fabrication standards, and strict PTM Manufacturing guidelines.**
- [>Field Installation Video Link<](#)

Delivery:

- Based on size of duct, approximately 150 pieces maximum can be delivered via one 53' tractor trailer.