

How long of a hose can I use with the Festool CT dust extractors to get sufficient suction with any of the Festool sanders?



Test was done with different CT Dust extractor models and Rotex 150 (which requires the highest amount of suction).

#1: Only D27 hose (1-1/16")

Max. length is 59'

Recommended: Use 3 of the 16.5' long hoses (452 880 AS hose). This equals 49.5'.

Tip: For smaller sanders (ETS125, DTS400, RTS400) one 11.5' hose can be added if needed.

#2: Combination of D36 hose (1-7/16") and D27 (1-1/16")

Max. length is 82'

Recommended: Start at the CT with 1 x 23' D36 hose (452 886), then connect 3 x 16.5' D27 hoses (452 880). This equals 72.5'.

Tip: If necessary, the 23' D36 hose can be replaced with 2 x 16.5' D36 hose (452 884). This equals 82.5' which is acceptable.

#3: Combination of D50 hose (1-15/16") and D27 (1-1/16")

Max. length is 98'

Recommended: Start at the CT with either
a) 4 x 8.25' D50 hose (452 888), or
b) 2 x 13' D50 hose (452 890), then connect 3 x 16.5' D27 hoses (452 880). This equals either 82.5' (a), or 75.5'.

Tip: If the maximum length of 98' is needed, we recommend a custom hose with the D50 portion being 2/5 of the total hose length, and the D27 portion being 3/5 of the total hose length. Hose segments are available to the nearest inch

#4: Maximum hose length when 2 tools are used with one CT

Max. length is 33' + 2 x 11.5'

Recommended: Start at the CT with 2 x 13' D50 hose (452 890), then connect Y-piece (452 898), then connect to both endings of the Y-piece one 16.5" D27 hose (452 880) each. This equals 42.5' from the CT to each of the two sanders

Tip: For smaller sanders (ETS125, DTS400, RTS400) one 11.5' hose can be added if needed.

Items required to connect different hoses

Connector sleeve



Item#: 440 452

Rotating connector



Item#: (D50) 452896, (D36) 452894, (D27) 452892

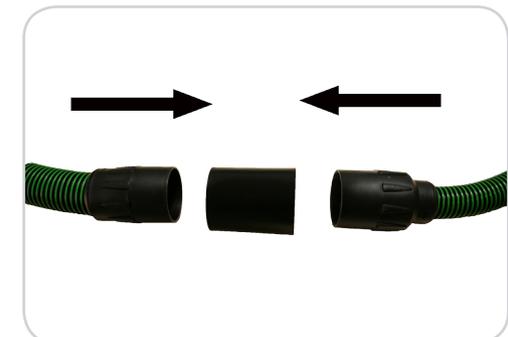
1. Remove the reducing sleeve from the hose



2. Choose the right rotating connector and put it on the hose



3. Connect the hoses with the connector sleeve



Note: When connecting hoses, start with the largest diameter hose closest to the extractor