Southwire

CABLETECH SUPPORT™ Services

ACHIEVING PROJECT COST SAVINGS USING SOUTHWIRE'S CONDUIT FILL

ABOUT

CUSTOMER
An Engineering Firm

PRODUCT
6-6-6-8 STR CU USE to be installed into 1" Schedule 40 HDPE duct

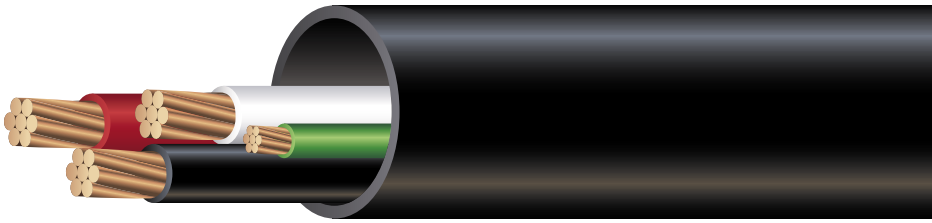
CIRCUMSTANCE
An engineering firm designing a 3-phase 600V cable installation for a new industrial power plant needed to determine the smallest possible conduit size for the installation to reduce project costs, yet remain compliant with NFPA 70 of the NEC®.

SOUTHWIRE'S CONDUIT FILL CALCULATOR
This tool can help electricians, engineers, and contractors answer the question,

"What size conduit should I use per the NEC® guidelines?"

The calculator will determine the conduit fill percentages and jam probability for multiple conductors per NEC® guidelines. Simply enter the conduit type and size, then specify your conductors.

BENEFITS



OVER

10%

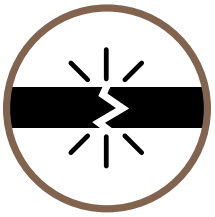
REDUCTION IN PROJECT COSTS

35%

WEIGHT REDUCTION DUE TO A SMALLER CONDUIT SIZE

LESS THAN NEC®'S MAXIMUM FILL RATIO OF

40%



VALIDATED JAMMING PROBABILITY TO AVOID CABLE DAMAGES

SCAN TO DOWNLOAD APP

Available online at **https://www.southwire.com/calculators** or through your **mobile app store.**

Southwire®

To learn more about how the CableTechSupport™ Services team can help your customer with custom training content, please contact **CableTechSupport@southwire.com**