



# Flexible Ducting

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## Description

Tecflex 800S is a new and improved version of the best selling Tecflex 800. This new construction with the supporting steel wire helix now embedded between two layers of fabric produces approximately 10-25% less resistance! Tecflex 800S is also environmentally friendly; solvents are no longer the principle bonding agents. The estimated solvent reduction is over 90%! Tecflex 800S is suitable for use in high, medium and low pressure ventilation and air conditioning systems. It is also suitable for use in fume extraction systems. Due to the materials used in its construction Tecflex 800S is able to withstand repeated flexing without damage or kinking. Tecflex 800S complies with the requirements of HVCA specification DW144.

## Specification

Un-insulated flexible ducting for joints or connections shall be Tecflex 800S. It shall be manufactured from a tight weave glass fibre fabric coated with a grey coloured PVC and supported by an encapsulated high tensile steel wire helix.

## Technical Data

Diameter Range	- 80mm to 600mm
Temperature Range	- From -30°C to +70°C
Air Velocity	- 30M/S maximum
Working Pressure	- Maximum 3000 Pa positive up to 406mm dia.
Colour	- Silver Grey
Standard Length	- 6 Metres

## Installation

Fully extend ducting, then cut to exact length required using a sharp knife and pliers. We recommend that joints be sealed on medium and high pressure applications using Tecseal or Tectape XT. To fix Tecflex 800S to spigots we recommend the Tecfix banding or clip system.

## Flexibility

The selection of an exceptionally durable fabric together with carefully controlled manufacturing techniques has resulted in a highly compressible, ultra flexible ducting. Tecflex 800S compresses down to approximately 10% of its extended length – making connections in confined spaces considerably easier and reducing installation times. Tecflex 800S is supplied in economical 6 metre lengths. However, if longer lengths are required, two lengths of the same diameter may be screwed together and secured with PVC Tectape to provide a permanent airtight joint.