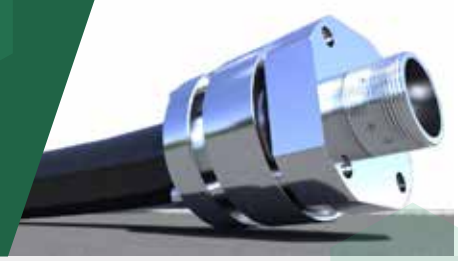
Specialist Suppliers of Fuel Equipment

CRITICAL POWER CASE STUDY - DOUBLETRAC® PIPEWORK

CUSTOMER SUCCESS STORY

Fire-rated diesel transfer pipework installed 10 days faster on a complex rooftop genset project

DoubleTrac® pipework from basement bulk tank to rooftop day-tank, South Docklands Dublin



250m	2 hour	10 days	~ €9k
APPROX. PIPE RUN	FIRE RATING	PROGRAMME SAVING	COST SAVING

Project Snapshot

TYPE	New-build commercial offices
LOCATION	South Docklands, Dublin City Centre
APPLICATION	Basement bulk tank to rooftop day tank
ROUTING	Plantroom / Riser / External / Rooftop

The Challenge

- Fast installation needed to protect programme
- Fewest joints required to reduce potential leak paths
- Pipe-in-pipe contrsuction to allow for leak detection
- Fire-rated performance required for bulding regs

The Solution

1" DoubleTrac® pipework was selected and installed over an approximate total run of 250m.

DoubleTrac® combines a flexible stainless-steel inner with a Nylon 12 outer jacket in a pipe-in-pipe fuel transfer system, with international above-ground and in-building recognition, a 29 bar pressure rating and 2 hour fire rating.

Installation Approach

- Continuous lengths supplied pre-cut, coiled and palletised
- Pulled through service routes and fixed to support/cable trays
- 300mm natural bend radius used for direction changes
- No hot works, reducing risk in multi-trade environments

Delivered on-site results

10 days faster | **Approx. €9k saved** | **Fewer leak paths** | **No hot works**

Jonathan Heasley* - *Premier Energy Storage

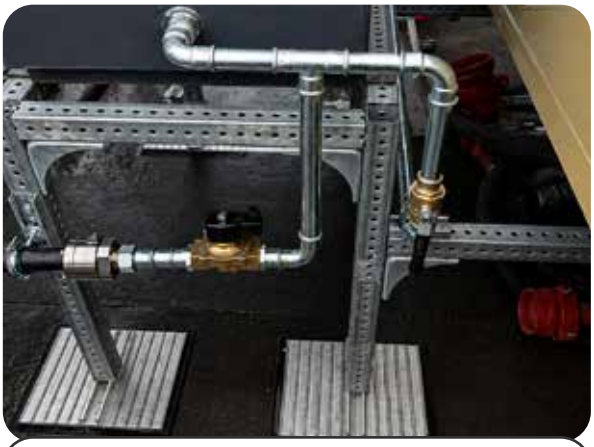
"Whenever we're installing diesel transfer pipework systems on gen-set installs, we turn to DoubleTrac® pipework as our go-to solution.

Compared to traditional welded steel, installation was around 10 days faster—supporting programme delivery and saving approximately €9,000.

No other pipework system offers this combination of simplicity, speed, performance, safety, and cost efficiency."

Call: **+44 (0)1376 535 260** Email: **pfssales@pfsfueltec.com** Visit: **www.pfsfueltec.com**

PROJECT PHOTO GALLERY - CONTINOUS ROUTES, SIMPLE INSTALLATION



Roof top day tank inlet and dump pipework connections made in press-fit stainless steel with electrically operated control-valves and DoubleTrac® pipework connection.

2 X DoubleTrac® pipework runs installed on cable-tray inside internal building service risers. Continuous pipe runs with low 300mm natrual bend-radius ensures fast and simple installation when compared to welded steel, with no hot works.

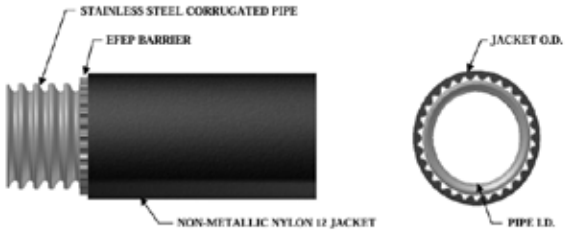
DoubleTrac® pipework exiting service riser onto external roof-top. The natural bend radius of the pipework reduces the need for fittings or joints.

DoubleTrac® pipework secured on cable-tray along the roof-top running towards Generator Day tanks.
Zero joint pipework runs, fast install + fire and corrosion resistant.

Why DoubleTrac® worked for this project

- **Flexible** - simplifies routing through risers and complex routes
- **Pipe-in-pipe** - allows for constant leak detection monitoring
- **300mm natural bend radius for 1" pipe** - fewer direction-change fittings required (see product guide for other sizes/bend radii)
- **No hot works** - fast hand-tool installation reduces cost and risk
- **2 Hour fire rating** - full compliance and safety
- **Stock Supply** - available cut to length in continuous coils on short-lead times

DoubleTrac® construction



Want DoubleTrac® specified correctly on your next critical power project?

PFS Fueltec can help with product selection, installer training, quotes and fast delivery.
Checkout www.pfsfueltec.com for product guides, list pricing and more information.

Need help specifying or sourcing parts for critical power fuel transfer systems? Contact us today.

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