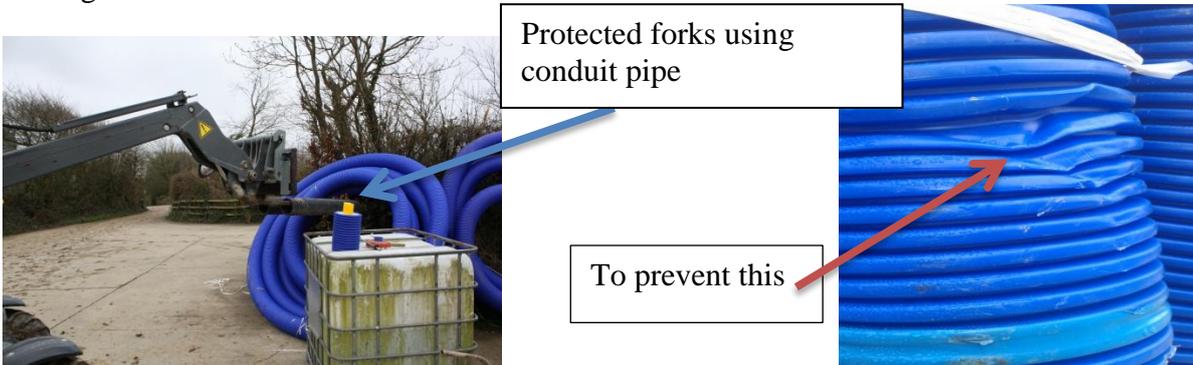


Unloading and Laying of Microflex Insulated Pipe

Delivery:

When receiving your delivery and unloading Microflex pipe using a fork lift it is compulsory to use protected forks failure to do so will affect the warranty of the pipe. All pipes are quality checked before leaving our warehouse.



Minimum Laying temperature for Microflex Pipes is -5°C

Utility Trench Profile:

Up to a trench depth of 120cm we recommend digging a vertical trench, Deeper than 120cm we recommend a V-shaped trench.

Excavation works must be carried out in the approved manner, according to the rules and regulations of the local authorities. A prior permission is very often required.

The depth of the trench must be in accordance with the guidelines relating to the laying of Microflex pipes. A land register plan might be useful to eliminate future conflicts with existing or future utilities or structures. After completion of the pipe-laying process it is recommended that the route is marked with warning tape.



A Microflex pipe buried at a depth of no less than 50 cm and no more than 6 metres can bear a load of up to 60 tonnes. Placement must be performed in compliance with the prevailing ATV-DVWK-A127 guidelines for buried pipes.

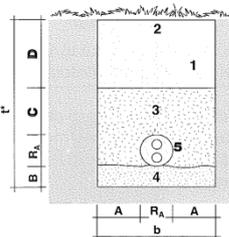
PROFILES OF UTILITY TRENCHES

Dimensioning chart in mm.
Particular attention must be paid to ground frost depth when laying sanitary pipes.

Profile of trench for Microflex twin pipe (DUO)

R _a mm jacket Ø	A mm	B mm	C mm	D mm	b mm width	t* mm depth	Excavation m ³ /m approx	Sandfill m ³ /m approx
125	150	100	150	250 (650)	425	625 (1025)	0,27	0,17
160	180	100	150	250 (650)	520	660 (1060)	0,34	0,22
200	180	100	150	250 (650)	560	700 (1100)	0,39	0,25

- Lay sandbed as per diagram
- Position the roll alongside the trench
- Remove the packaging foil
- Place the end of the pipe in position
- Cut the outermost straps
- Roll the pipe alongside or straight into the trench
- Cut the middle straps
- Roll out further
- Cut the innermost straps
- Roll out completely
- Apply the dust caps or shrink caps
- Connect the couplings on the pipes
- Conduct the pressure test – fill in the report
- Partially fill the trench with a first layer of sand
- Apply the warning tape
- Fill up the trench completely



- 1 Backfill
- 2 Route warning tape
- 3 Sand fill
- 4 Sandbed
- 5 Microflex pipe

- Always Use Fix Point connections where possible
- When installing Microflex pipe allow for thermal expansion contraction never measure and install in a straight line and allow additional meterage if unsure please check with the manufacturer.