



The Rapid Rail International Portable Vertical Lifeline system is ideal when a utility structure or ladder is climbed infrequently. It has been designed to be lightweight, quick to install and importantly utilises a zero-stretch rope rather than traditional kernmantle rope which can stretch up to 10% in a fall situation. As with other Rapid Rail International vertical systems the portable product utilises the S-Flo rope grab which seamlessly passes intermediate brackets providing a virtual free climb and descent.

Maximum 2ft fall distance

Virtual free climb

Lightweight, zero stretch rope

## Portable Vertical Lifeline System Features

- ✔ Quick and easy installation
- ✔ Top bracket can remain for future climbs
- ✔ Zero stretch rope
- ✔ Virtual free climb
- ✔ Reduced climb and descent time
- ✔ Complies with relevant international safety standards

## How The Portable Lifeline Systems Works

The Rapid Rail International Portable Lifeline System is designed for use when a structure is infrequently climbed. The system requires a top anchor point (supplied) to be fitted and then "quick fit" intermediate brackets located at intervals between the top and bottom brackets. The S-Flo rope grab device attached to the climbers harness then passes the intermediate brackets seamlessly, as with the permanent VCS2 system, providing a virtual free climb.

At the heart of the system is our innovative zero stretch rope, a highly sophisticated synthetic product unique to the industry that is extremely lightweight and stretch resistant unlike traditional kernmantle rope. It is supplied on a reel for easy portability and storage.

The 50m (165ft) version has a combined weight of less than 10kg (22lbs).

## Applications for The S-Flo

Electrical Utility Transmission Structures  
Wind Energy  
Tower Cranes  
Industrial Ladders