

# Max Frank Fibre Concrete Distance Tubes

## Product Images





## Short Description

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Max Frank fibre reinforced concrete distance tubes are used to guarantee concrete wall thickness when using reusable tie bars. Due to their large contact area, the pressure on the formwork is reduced. Available in a variety of sizes and configurations, please contact us for more details.

## Description

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Max Frank fibre concrete distance tubes are ideal for securing wall thickness for high requirements. Distance tubes are used with reusable tie bars to guarantee the concrete walls thickness. They bond monolithically with the concrete and thus prevent the penetration of water and other concrete damaging substances.

Distance tubes can be combined with other accessories from Max Frank to create a proven system for a wide range of physical and chemical influences on structures. Distance tubes are used to guarantee concrete wall thickness when using reusable tie bars. Due to their large contact area the pressure on the formwork is reduced. MAX FRANK sealing cones and stoppers fixed in position with Repoxal two component glue are used for sealing the distance tube and surface recess. Tubes can also be sealed using Kombistop stoppers without the need for glue. The whole system incorporating tubes, stoppers and sealing cones has been tested and approved as producing gastight, impermeable and fireproof seals.

### Overall Advantages:

- Shutter ties designed for water-impermeable components
- Homogeneous bond created with structural concrete with the same material properties
- Proven system of individually matched components

### Variations Available:

- **Cut distance tubes** - Ideal for wall thicknesses up to 40cm
- **Distance tubes with couplings** - Ideal for medium wall thicknesses and additional waterstop
- **Combined shutter tie** - Ideal for wall thicknesses of more than 60cm
- **Plastic distance tubes** - For use in walls without special requirements

### Specifications:

- Internal diameter (LW)  $\varnothing 18 - \varnothing 40$  mm

- Nominal wall thickness 1-fold = 9mm, 1.5-fold = 12mm, 2-fold = 15mm
- Load at rupture LW22 (length 100mm): Standard length = approx. 1.25m, variable cutting lengths
- Load at rupture LW22 (length 100 mm): approx. 56,000N (in tensioning direction)
- Compressive strength > 60 N/mm<sup>2</sup>
- Density 2.0 – 2.1 kg/dm<sup>3</sup>
- Construction materials Class A1
- Fire resistance rating R30 - R180 + R90 fire wall
- Water impermeability 5 bar to 30 bar (tested for LW22 + LW32 mm)

## Additional Information

CODE	40-MFFCDT
Weight	1
Suits Substrate	Concrete
Brand	Max Frank
Compressive Strength at 28 days (MPa)	>60N/mm <sup>2</sup>

