

Technical data sheet

Distance Tubes made of extruded fibre reinforced concrete

Extruded fibre reinforced concrete Distance Tubes Sizes – MR18 to MR40

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.



Technical Properties

Properties	Value	Unit
Internal diameter (LW)	ø18 – ø40	mm
Nominal wall thickness	1-fold = 9mm , 1,5-fold = 12mm , 2-fold = 15mm	mm
Load at rupture LW22 (length 100mm)	Standard length = approx. 1.25m, variable cutting lengths	mm
Load at rupture LW22 (length 100 mm)	approx. 56,000 (in tensioning direction)	N
Compressive strength	> 60	N/mm ²
Density	2.0 – 2.1	kg/dm ³
Construction materials class	A1	
Fire resistance rating	R30 – R180 + R90 fire wall	
Water impermeability	5 to 30 (tested for LW22 + LW32 mm)	bar

Tests certificates

Test certificates can be downloaded on our website www.maxfrank.de

Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application.