



OVERVIEW

The Rhi-Node 300 manhole is deployed in buried telecommunications and other utility infrastructure. Its modular construction allows for flat-stack packaging. The manhole chamber is circular at its top and square at its bottom to maximise strength and internal space utilisation. All its components are manufactured in a quality assured factory, certified to ISO 9001.

The lid and frame of the chamber incorporate a coded mechanical locking mechanism. Fibre cable and slack are stored orderly, to prevent obstruction of duct entries. Duct entry ports may be split for access to existing network ducts.



TECHNICAL INFORMATION

MATERIALS	
Lid, frame, side panels and base plate	UV stabilised glass reinforced polyester (GRP) in sheet moulded (SMC) format; 30% glass fibre content
Latch and alignment plate	Thermoplastic
Assembly clips	ABS plastic
All metal components and fasteners	Stainless steel 304
STANDARDS	
Load bearing and impact strength	SANS 558 Light Duty and EN124 Class A15 (1.5 ton)
ACCESS CONTROL	Coded mechanical locking and opening mechanism
LID	Raised non-slip pattern (65% of surface area), branded
DUCT & SLEEVE ENTRY PORTS	
33mm diameter	4 off, split design, sealed by means of moulded knock-out
50mm diameter	8 off, split design, sealed by means of moulded knock-out
MASS	4.5 kg, fully assembled
PRIMARY DIMENSIONS	Daylight opening: 200mm diameter, chamber internal clear depth: 290mm
WARRANTY	15 years manufacturer’s warranty
OPTIONAL VARIATIONS AND ACCESSORIES	<ul style="list-style-type: none"> • Locking spindle options: Threaded or eccentric • Location mounting for splice enclosure (4x positions) • Sealing accessories

