



Energy Division

Raychem Rayplate adapter RDSS-AD-210 for large duct sizes

Features

- Raychem RDSS-AD-210 – a prefabricated adapter for sealing large diameter ducts
- Incorporates the proven Raychem Rayplate system RDSS
- Range taking
- Tool-free, fast and easy installation
- Modular system
- Re-enterable
- Unlimited shelf life

The Raychem RDSS-AD-210 adapter is moulded from a specially formulated rubber for easy installation and superior duct sealing. The one-piece, single-sized adapter is designed to work with Raychem Rayplate duct sealing products RDSS-125 and RDSS-150 for sealing ducts up to 210 mm in diameter (see EPP 0569 brochure). The adapter is a simple add-on to existing Raychem RDSS products and requires no additional training or change in installation procedures and practices.

Once installed, the duct sealing system ensures that manholes remain clean and dry. This eliminates the need to pump out rain or sewage water from the manholes and provides immediate access for maintenance crews, significantly reducing downtime.

Clean, fast, easy, tool-free sealing

After the sealant tape has been lubricated the Raychem adapter RDSS-AD-210 is coiled over the cable to fit the duct. The coiled adapter slides easily into the duct and when released snaps into position against the inner wall of the duct. Then the Raychem RDSS is inserted between the cable and the pre-positioned adapter and inflated in the usual way. Certain configurations may require two adapters. For details check the selection table. The entire installation is

performed in a few minutes – even in congested enclosures – without messy and potentially harmful mixing and filling agents.

Versatility

The special type of rubber adapts to most configurations. The standard size covers a large range of cable and duct diameters.

Performance tested

Extensive testing with various duct sizes at room temperature and under load cycling conditions has shown that the sealing system is watertight and airtight at specific temperatures, even when cables were subjected to bending or vibration. Resistance to common chemicals has been proven by immersion tests. The detailed PPR-1659 test report is available on request.

Raychem RDSS-AD-210

Ordering Information and Selection Table

For use with Raychem duct seals RDSS-125 and RDSS-150. Suitable for empty ducts.

Raychem RDSS-AD-210 is boxed in batches of 4 and supplied with 1 lubricant dispenser and installation instructions.

The table lists the minimum and maximum diameter of the cable or cable bundle that can be accommodated in a cable duct for a specific combination of Raychem RDSS and Raychem RDSS adapter.



Raychem RDSS-AD-210 selection table
All dimensions in mm.

Duct inside Ø	1 x RDSS-AD-210 + RDSS-125 Cable Ø	2 x RDSS-AD-210 + RDSS-125 Cable Ø	1 x RDSS-AD-210 + RDSS-150 Cable Ø	2 x RDSS-AD-210 + RDSS-150 Cable Ø
130	0*			
135	0*			
140	0 - 40			
145	0 - 50			
150	0 - 65			
155	0 - 83			
160	0 - 91			
165	0 - 103			
170	70 - 110	0*	60 - 107	
175	75 - 115	0 - 40	60 - 112	
180	80 - 120	0 - 50	60 - 118	
185	90 - 130	0 - 65	60 - 129	
190		0 - 83	60 - 135	
195		0 - 95	60 - 139	
200		0 - 103	105 - 145	60 - 100
205		75 - 115	115 - 155	60 - 112
210		80 - 120	120 - 160	60 - 118

* Empty ducts only

Suitable for empty ducts

With cables only

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