

# RISE® MULTI-CABLE TRANSITS: THE RAPID® SEALING SYSTEM

*only two different components for a  
RISE® cable penetration: sleeves and sealant*



sleeve type	cable diameter	sleeve length (standard)	sleeve length (standard)	wall thickness
12/6	5 - 7	160	210	3
14/8	7 - 9	160	210	3
16/10	9 - 11	160	210	3
18/12*	11 - 13	160	210	3
20/14	13 - 15	160	210	3
22/16	15 - 17	160	210	3
27/19*	17 - 21	160	210	4
31/23	21 - 25	160	210	4
35/27	25 - 29	160	210	4
39/31	29 - 33	160	210	4
46/36	33 - 39	160	210	5
52/42	39 - 45	160	210	5
58/48	45 - 51	160	210	5
64/54	51 - 57	160	210	5
70/60	57 - 63	160	210	5

\* filler sleeves are supplied non-split for ease of filling

dimensions in mm

***RISE® cable penetrations:  
non-toxic, halogen free components***

For the RISE® insert and filler sleeves, a special rubber compound was developed known as FRR/LEHF (fire resistant rubber/low grade of expansion, halogen free). When this rubber is exposed to fire or temperatures in excess of 200 °C it expands five to ten times its original volume. During the expansion of the rubber a carbonized mass is formed, which has good properties of thermal insulation.

The FRR/EHF rubber is absolutely HALOGEN FREE (tested according to Naval Engineering Standard NES 713: Issue 3). Furthermore the FRR/LEHF rubber has a low smoke index (NES 711: Issue 2: 1981) and a very high oxygen index (ISO 4589-2: 1996).

The wall thickness of the sleeves is so chosen as to satisfy the requirements governing adequate separation of the cables.

Sometimes conduits are extremely oversized. For ease of filling of larger remaining spaces the filler sleeves 18/12 and 27/19 can be supplied as non-split multi-units of 10 pieces bonded together.

T&D

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