



product description: intended for installation to the distribution of low voltage  
 double lock on lid increasing the trunking's rigidity and ensuring stronger cover fixation  
 designed for inserting multiple cables or cables of larger diameters  
 possibility to insert PEKD 40\_-C partition wall  
 spacers REKO 100X40\_HB are included in the package (2 pcs) – always 1 pc per 1 m  
 transition branching cover (8504/EKD\_HB and 8514/EKD\_HB) allows to turn on trunking EKD 80X40 and EKD 120X40  
 possibility to install in places with risk of flammable gases and vapor - zone 2  
 possibility to install in places with explosive risk of flammable dusts - zone 22

material: PVC - Pb-free  
 self-snuffing: yes, within 30 s  
 temperature resistance: -5 - +60 °C  
 flaming loop test: 850 °C  
 impact strength: 0,5 J  
 protection types: IP40  
 fire class for underlying material: A1-F  
 inside area: 3010 mm<sup>2</sup>  
 distance base perforation: 200 ±20 mm  
 length tolerance: ±10 mm  
 weight: 0,86 kg/m  
 meets the requirements: EN 50085-1 ed.2:06, EN 50085-2-1:075  
 storage: ČSN 64 0090



| usage of inner trunking cross-section (60%): | orientation cable diameter (mm) | 6  | 7  | 8  | 8,5 | 9  | 9,5 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|--|---------------------------------|----|----|----|-----|----|-----|----|----|----|----|----|----|----|
|  | number of inserted cables       | 36 | 24 | 18 | 16  | 16 | 14  | 14 | 12 | 8  | 7  | 6  | 5  | 5  |

chemical resistance: YES: amoniak 25%, distilled water, ethanol 50%, sodium hydroxide 60%, hydrofluoric acid 40%, acetic acid 5%, sulfuric acid 96%, medicinal oil, methanol, olive oil, petroleum, hydrogen peroxide 20%, transformer oil, sodium carbonate  
 NO: aceton, benzen, chlorinated hydrocarbons, tetrachlorocarbon

accessories: partition wall PEKD 40\_-C

| item number           | length | color          | package          | package - description | note                 |
|-----------------------|--------|----------------|------------------|-----------------------|----------------------|
| <b>EKD 100X40_HD</b>  | 2 m    | white RAL 9003 | 8 m              | carton                | with protective foil |
| <b>8511_HB</b>        |        | white RAL 9003 | 2 / 164 pcs      | foil / carton         | end                  |
| <b>8512_HB</b>        |        | white RAL 9003 | 2 / 10 / 154 pcs | foil / foil / carton  | connecting           |
| <b>8513_HB</b>        |        | white RAL 9003 | 2 / 10 / 100 pcs | foil / foil / carton  | bending              |
| <b>8514_HB</b>        |        | white RAL 9003 | 2 / 10 / 100 pcs | foil / foil / carton  | branching            |
| <b>8514/EKD_HB</b>    |        | white RAL 9003 | 2 / 144 pcs      | foil / carton         | transition branching |
| <b>8515_HB</b>        |        | white RAL 9003 | 2 / 40 pcs       | foil / carton         | inner corner         |
| <b>8516_HB</b>        |        | white RAL 9003 | 2 / 80 pcs       | foil / carton         | outer corner         |
| <b>REKO 100X40_HB</b> |        | white RAL 9003 | 100 / 1000 pcs   | foil / carton         | spacer               |