



product description: intended for installation to the distribution of low voltage
 standard shape
 designed for wall or ceiling mounting
 double lock on lid increasing the trunking's rigidity and ensuring stronger cover fixation
 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: 770 mm²
 distance base perforation: 200 ±20 mm
 length tolerance: ±10 mm
 weight LHD 50X20: 0,25 kg/m
 weight LHD 50X20/1: 0,28 kg/m
 weight LHD 50X20/2: 0,30 kg/m
 mechanical protection according to EN 50102: IK06
 meets the requirements: EN 50085-1 ed.2:06, EN 50085-2-1:07
 storage: ČSN 64 0090



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

trunkings are not a breeding ground for bacteria, tested in SZÚ according to ČSN EN ISO 846:2019

List of bacteria that have been tested:
 ESCHERICHIA COLI, STAPHYLOCOCCUS AUREUS, KLEBSIELLA PNEUMONIAE, PSEUDOMONAS AERUGINOSA, ENTEROCOCCUS FAECALIS, BACILLUS SUBTILIS, SALMONELLA ENTERICA, LEGIONELLA PNEUMOPHILA, CANDIDA ALBICANS

item number	length	color	package	package - description	note
LHD 50X20_HD	2 m	white RAL 9003	32 m	carton	without partition wall
LHD 50X20/1_HD	2 m	white RAL 9003	32 m	carton	one partition wall
LHD 50X20/2_HD	2 m	white RAL 9003	32 m	carton	two partition wall
8991_HB		white RAL 9003	10 / 880 pcs	foil / carton	end
8992_HB		white RAL 9003	10 / 870 pcs	foil / carton	connecting
8993_HB		white RAL 9003	10 / 320 pcs	foil / carton	bending
8994_HB		white RAL 9003	10 / 300 pcs	foil / carton	branching
8995_HB		white RAL 9003	10 / 330 pcs	foil / carton	inner corner
8996_HB		white RAL 9003	10 / 400 pcs	foil / carton	outer corner

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
	LHD 50X20	7	6	5	4	3	3	3	2	1	1	1	1
number of inserted cables	LHD 50X20/1	7	6	5	4	3	3	3	2	1	1	1	1
	LHD 50X20/2	7	6	5	4	3	3	3	2	1	1	1	1

recycling symbols:



PVC trunkings, PVC covers



Protective film, adhesive tape, packaging film for trunkings, bags, and packaging film for covers



cardboard

Risks Associated with Product Use:

- during installation, use appropriate protective work equipment and follow safety guidelines
- use the product only for the purposes intended by the manufacturer
- use the product in an environment that complies with the manufacturer's instructions
- do not use the product if it is damaged
- follow the manufacturer's recommendations and do not exceed the number of inserted cables or the product's load capacity
- after installation, check the correctness of the mounting of trunkings and covers according to the manufacturer's recommendations