

Flexible conduits



6 510 16

Accessories for conduits p. 814

Non flame propagating
 Conform to standard EN/IEC 61386-22
 Crush resistance: 750 Newtons
 Supplied wrapped in film, the coil acts as a pay-out reel
 The various diameters are identified by coloured ties
 Surface-mounting or flush-mounting

Pack	Cat.Nos	Medium impact (ICA 3321)		
		Material: PVC without Pb, Sn, Cd (RoHS compliant) Light grey (RAL 7035) Impact resistance: 2 joules at - 5 °C Min operating t°: - 5 °C Max operating t°: + 60 °C IK 07 Flush-mounted in certain cases before construction of the masonry		
		∅ exterior (mm)	∅ interior (mm)	colour of ties on coil
100	6 510 16	16	10.7	blue
100	6 510 20	20	14.1	red
100	6 510 25	25	18.3	green
50	6 510 32	32	24.3	white
50	6 510 40	40	31.2	white
50	6 510 50	50	39.6	white

Pack	Cat.Nos	High impact with draw wire (ICTA 3422)		
		Material: Polyolefin additives Dark grey (RAL 7024) Impact resistance: 6 joules at - 5 °C Min operating t°: - 5 °C Max operating t°: + 90 °C IK 08 Prelubricated inner surface for easy pulling of the wires Nylon-coated steel wire puller for a better resistance to corrosion Surface mounting not recommended outside Suitable for prefabricated concrete		
		∅ exterior (mm)	∅ interior (mm)	colour of ties on coil
100	6 512 16	16	10.7	blue
100	6 512 20	20	14.1	red
100	6 512 25	25	18.3	green
50	6 512 32	32	24.3	white
50	6 512 40	40	31.2	white
50	6 512 50	50	39.6	white
25	6 512 63	63	52.6	white

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Characteristics

Wire cross-section in mm ²	Occupation cross-section in mm ²	Number of external ∅ of ducts to be used		
		Conductor ⁽¹⁾	Flexible ⁽¹⁾	Rigid ⁽¹⁾
1.5	8.55	2	16	16
		3	16	16
		4	20	16
		5	20	16
		2	16	16
2.5	11.9	3	20	16
		4	20	20
		5	25	20
4	15.2	2	20	16
		3	20	20
		4	25	20
		5	25	25
6	22.9	2	20	20
		3	25	20
		4	32	25
		5	32	25
10	36.32	2	25	20
		3	32	25
		4	32	32
		5	40	32
		2	32	25
16	50.3	3	32	32
		4	40	32
		5	40	40
		2	32	32
25	75.4	3	40	40
		4	50	40
		5	50	50
		2	40	32
35	95.03	3	50	40
		4	50	50
		5	63	50
		2	50	40
50	132.7	3	50	50
		4	63	63
		5	63	63
		2	50	50
70	176.7	3	63	63
		4	63	63
		5	63	63
		2	63	63
95	227	3	63	63
		4		
		5		
		2	63	63
120	283.5	3		63
		4		
		5		
		2	63	63
150	346.3	3		
		4		
		5		
		2	63	63

1: Based on H 07 V - U/R

Use

Surface-mounting or flush-mounting for electrical installations in residential buildings

		High impact		Medium impact	
		Flexible		Flexible and rigid	
Surface-mounting	Exterior	●	●	●	●
	Interior	●	●	●	●
Flush-mounting	Before construction	Walls	●	●	●
		Floors	●	●	●
	After construction	●	●	●	●

● Possible ● Not recommended ● Prohibited