

# SELF-EXTINGUISHING DOUBLE WALL CORRUGATED CONDUIT FOR ELECTRICAL INSTALLATION



## RKSGD-UV (-P)

EU Designation (EN 61386-1):

**33412**

Mechanical strength: <b>750N (medium)</b>	<b>3</b>
Impact resistance: <b>2,0 kg/100mm (medium)</b>	<b>3</b>
Temperature range (application, installation): <b>from -25°C to +60°C (intermittent +100 °C)</b>	<b>4 1</b>
Flexibility: <b>pliable</b>	<b>2</b>
Flammability: <b>self-extinguishing</b>	
Material: <b>lead-free, polyvinyl chloride (PVC-mod.)</b>	

### Application:

Conduit designed for cable protection in building and industrial applications. Ideal for laying in vibrated and steamed concrete. Provides a high level of mechanical protection. Recommended for sunk wiring systems, external installations and places with an increased risk of fire hazard (wooden constructions, lofts, garrets, etc.). It ensures high strength and resistance to mechanical factors. Smooth inner profile enables easy cable installation in long sections. Pipe highly resistant to UV radiation 10 years guarantee.

Conduit is available in versions:

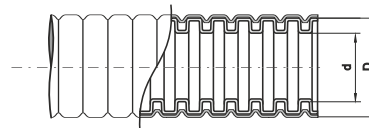
- standard (RKSGD-UV)
- with draw wire to enable cables to be pulled through (RKSGD-UV-P)

### Characteristics of material:

Lead-free on, self-extinguishing/flame retardant, high mechanical strength coefficient and excellent percussion strength properties, little unit elongation, medium-elastic when tensioned, immune to pressures and most of chemical compounds, very good dielectric properties.



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## Standard diameters

Nominal diameter DN (mm)	d Inside diameter (mm)	D Outside diameter (mm)	Coil length (m)
15	11	15	25, 50, 100
16	10,5	16	25, 50, 100
18	13	18	25, 50, 100
20	15	20	25, 50, 100
21	16	21	25, 50, 100
22	18	22	25, 50, 100
25	19	25	25, 50
28	23	28	25, 50
32	26	32	25, 50
36	29	36	25, 50
39	32	39	25
40	32	40	25
43	36	43	25
47	40	47	25
50	43	50	25
52	44	52	25
54	47	54	25
63	54	63	25

## Resistance to selected chemical compounds

Acids	weak	high
	strong	high
	oxidized	medium
	hydrofluoric	medium
Bases	dry halogens	medium
	weak	high
	strong	high
Solvents	alcohols	high
	esters	lack
	ketones	lack
	ethers	lack
	chlorinated hydrocarbons	medium
Oil and diesel materials	benzene	lack
	petrol	high
	diesel mixtures	medium
	mineral oils	high
	fatty oils	high

PN-EN 60423 diameters

## Places of Applications

Wall installations	recommended
Sunk installations	recommended
Outer wall installations	recommended
Plaster walls	recommended
Combustible surfaces (wood, etc.)	recommended
Underground installations	recommended
Poured concrete, vibrated concrete	recommended
Steamed and vibrated concrete	recommended
Electrotechnical equipment, industrial apparatus	recommended
Control and automatics	admissible
Food and chemical industry facilities	recommended
Automotive industry	admissible
Shipyard industry	admissible
Aircraft industry	not allowed

The specification can be subject of change without notice.



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