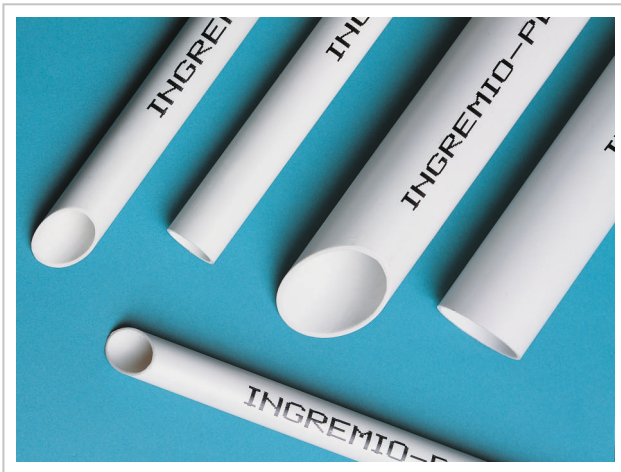


# SELF-EXTINGUISHING RIGID PIPE FOR ELECTRICAL INSTALLATION



## Application:

Rigid pipe is used for distribution and protection of cables in building and industrial electrical installations. Recommended for open surface as well as for under concrete installation. Pipe has ideally smooth surface. Standard length of the rigid electro-installation pipes is 3 m.

## Characteristics of material:

Lead free, 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.

## RL

EU Designation (EN 61386-1):

**22411**

Mechanical strength: **320N (light)**

**2**

Impact resistance: **1,0 kg/100mm (light)**

**2**

Temperature range (application, installation):  
**from -25°C to +60°C**

**4 1**

Flexibility: **rigid**

**1**

Flammability: **self-extinguishing**

Material: **lead-free, polyvinyl chloride (PVC-mod.)**



## RS

EU Designation (EN 61386-1):

**33411**

Mechanical strength: **750N (medium)**

**3**

Impact resistance: **2,0 kg/100mm (medium)**

**3**

Temperature range (application, installation):  
**from -25°C to +60°C**

**4 1**

Flexibility: **rigid**

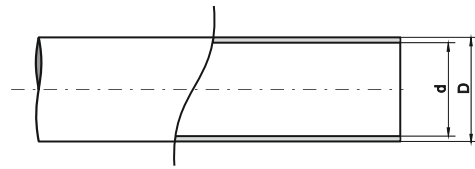
**1**

Flammability: **self-extinguishing**

Material: **lead-free, polyvinyl chloride (PVC-mod.)**



# RL RS



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## Standard diameters

Nominal diameter DN (mm)	d Inside diam. RL (mm)	d Inside diam. RS (mm)	D Outside diam. (mm)	Quantity in bundle (m.)
13	11	10,5	13	60
16	14	13	16	60
18	16	15	18	60
20	18	17	20	45
22	20	19	22	45
25	22	21	25	45
28	25	24	28	30
32	29	28	32	30
37	33	32	37	18
40	36	35	40	18
47	43	42	47	18
50	46	45	50	18
63	58	57	63	18

## 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

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

The manufacturer reserve the right to change the parameters due to the improvement and development of the products.



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