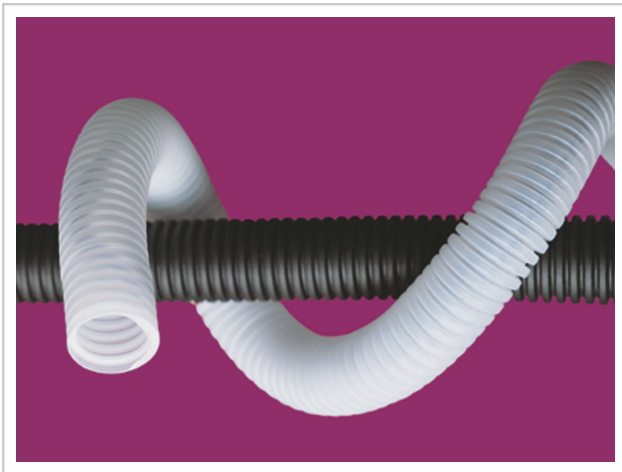


SELF-EXTINGUISHING CORRUGATED CONDUIT FOR ELECTRICAL INSTALLATION



Application:

Conduit designed for cable protection in building and industrial applications. Ideal for use in locations where there is an increased risk of fire hazard. It is particularly suited to internal installations including cavity walls, ceilings and under raised floors. It can also be buried under concrete.

Considering high flexibility, which is achieved through a proper transverse section, the pipe can be used in not easily accessible places. Conduit allows easy replacement of conductors in electrical installation.

Characteristics of material:

Self-extinguishing/flame retardant material, medium tensile strength, medium rigidity, high impact strength, high thermal resistance, resistant to most of chemical compounds, good dielectric properties within a wide temperature range even in a wet environment, high water absorption resistance, inconsiderable deformability.

RIL-U

EU Designation (EN 61386-1):

22432

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

2

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

2

Temperature range (application, installation):
from -25°C to +110°C

4 3

Flexibility: **pliable**

2

Flammability: **self-extinguishing**

Material: **polypropylene mod. (PP-mod)**



RIS-U

EU Designation (EN 61386-1):

33432

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

3

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

3

Temperature range (application, installation):
from -25°C to +110°C

4 3

Flexibility: **pliable**

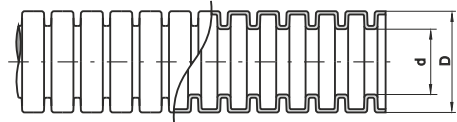
2

Flammability: **self-extinguishing**

Material: **polypropylene mod. (PP-mod)**



RIL-U RIS-U



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Standard diameters			
Nominal diameter DN (mm)	d Inside diameter (mm)	D Outside diameter (mm)	Coil length (m)
7	4,5	7	100, 200
10	7	10	50, 100
14	9	14	25, 50, 100
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	33	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	lack
Bases	hydrofluoric	medium
	dry halogens	medium
	weak	high
Solvents	strong	high
	alcohols	high
	esters	medium
	ketones	medium
	ethers	medium
Oil and diesel materials	chlorinated hydrocarbons	medium
	benzene	medium
	petrol	medium
	diesel mixtures	medium
	mineral oils	high
	fatty oils	high

PN-EN 60423 diameters

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

The specification can be subject of change without notice.



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