

STEEL/PVC FLEXIBLE CONDUIT



Application:

Designed for the protection of cables in installations where there is a risk of mechanical damage. Recommended especially for connection of machines in industrial applications, and where movement can occur. In spite of extremely large strength it features relatively high flexibility. Conduit has a tight outer layer of soft PVC.

Product is in compliance with RoHS Directive 2002/95/EC

Characteristics of material:

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.

WSO-D

EU Designation (EN 61386-1):

44412

Mechanical strength: **1250N (Heavy)**

4

Impact resistance: **2,0 kg/300mm (Heavy)**

4

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

4 1

Flexibility: **pliable**

2

Flammability: **no flammable/self-extinguishing**

Material: **steel inner core, soft polyvinyl chloride (PVC) outer jacket**



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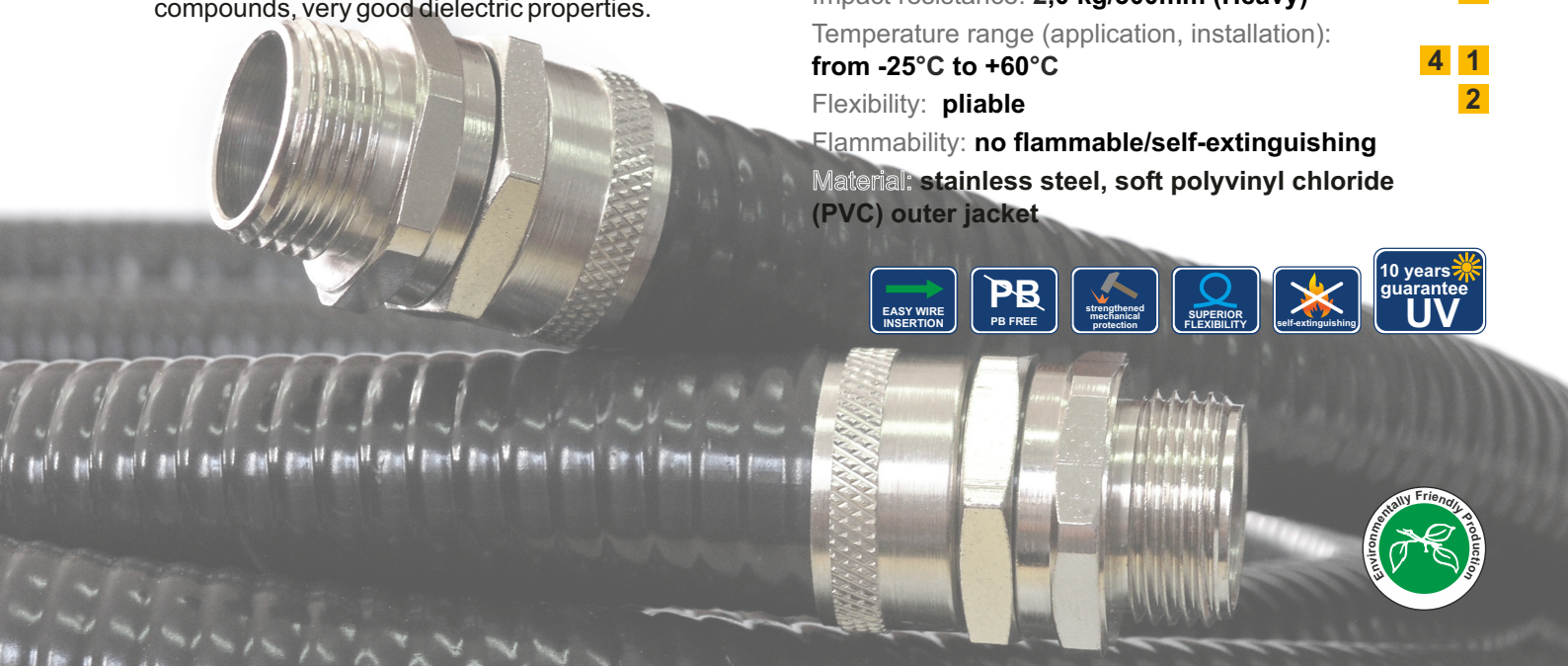
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Flexibility: **pliable**

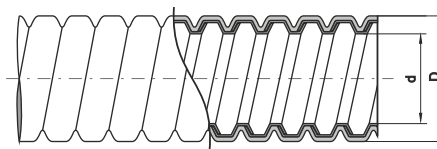
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Flammability: **no flammable/self-extinguishing**

Material: **stainless steel, soft polyvinyl chloride (PVC) outer jacket**



WSO-D WSN-D




Standard diameters

Nominal diameter DN (mm)	d Inside diameter (mm)	D Outside diameter (mm)	Coil length (m)
9,5	6	9,5	10
11,5	8	11,5	10
16	10	16	10
17	12	17	10
20	14	20	10
21,5	16	21,5	10
23	18	23	10
25	20	25	10
27	22	27	10
32	25	32	10
34	28	34	10
35	30	35	10

Resistance to selected chemical compounds

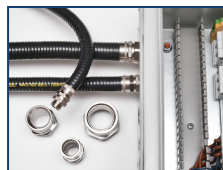
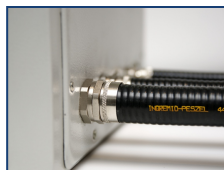
Acids	weak	high
	strong	high
	oxidized	medium
	hydrofluoric	medium
Bases	dry halogens	medium
	weak	high
	strong	high
Solvents	alcohols	high
	esters	lack
	ketones	lack
	ethers	lack
	chlorinated hydrocarbons	medium
Oil and diesel materials	benzene	lack
	petrol	high
	diesel mixtures	medium
	mineral oils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

 available accessories

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	recommended
Food and chemical industry facilities	recommended
Automotive industry	recommended
Shipyard industry	recommended
Aircraft industry	not allowed

Accessories



The specification can be subject of change without notice.



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