


RAL 9004
INNER

RAL 7035
OUTER


Application Standards

EN 61386.21, EN 50642,
EN 60754-2, EN 61034-2

Assembled with

MEDISOL PLUS Coupler
CONDUR ISR Clip
Metal Clamp KOUVIDIS

Patents protected

1009810, 1009975, 1010513



Light type Plastic conduit systems (320Nt)

SILCOR® PLUS ISR Rigid conduit

Properties

Properties		Class
Resistance to compression	320Nt/5cm	2
Resistance to impact	2J (at -25°C)	3
Lower temperature range	-25°C	4
Upper temperature range	+105°C	3
Resistance to bending	Rigid	1
Electrical characteristics	With electrical insulated characteristics	2
IP ingress protection	min IP65	6 5
Resistance against corrosion	Not applicable	0
Tensile strength	None declared	0
Resistance to flame propagating	Non flame propagating	1
Suspended load capacity	None declared	0
Fire effects	None declared	0
Environmental impact	Halogen free	1

Additional properties

Raw material	Halogen free, heavy metals free (RoHS) and specially stabilized thermoplastic PO blend
Low friction (internal layer)	Special material (Ultra slip) speeds up the routing of cables
Anti-electromagnetic technology	Absorbs a part of the electromagnetic radiation emitted by cables
Halogen free	No toxic gases in case of fire
Low acidity	No corrosive gases in case of fire
Low smoke	Better visibility of escape ways
Antistatic Technology	Protection against static electricity
Antiscratch Technology	Protection against scratching from cable routing
Marking	Engraved with laser printing

Application fields



Exposed


Concealed
(underplaster)

Concealed
(dry wall)

Concealed
floor / ceiling

Underfloor
in screed


Concrete



Outdoor


Buried
underground


Wood



Type	Part number					
Ø16	1045016	16.0	13.4	57	3.60	7410
Ø20	1045020	20.0	17.5	57	4.90	5130
Ø25	1045025	25.0	22.1	30	3.45	3300
Ø32	1045032	32.0	28.4	30	4.80	1920