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RAL 9004
INNER

RAL 7035
OUTER



Application Standards

EN 61386.21, EN 50642,
EN 60754-2

Assembled with

CONDUR HF Bend
MEDISOL PLUS Coupler
CONDUR Adaptor
CONDUR Clip
CONDUR Junction boxes

Patents protected

1009810, EP2698792, 1009975,
1010513



Medium type Plastic conduit systems (750Nt)

MEDISOL® PLUS ISR Rigid conduit

Properties

Properties		Class
Resistance to compression	750 Nt	3
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
Protection against ingress of solid objects	min IP65	6
Protection against ingress of water		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 part of the electromagnetic radiation emitted by the cables
Halogen free	No toxic gases in case of fire
Low acidity	No corrosive gases in case of fire
Rodent repellent	Not attractive to rodents
Ageing resistance	UV stabilized
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	1027016	16	12.3	57	4,71
Ø20	1027020	20	15.5	57	6,47
Ø25	1027025	25	20.0	30	4,52
Ø32	1027032	32	25.7	30	6,20