

Product Data Sheet

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Issuer's Name and Address

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Product type

Light type, halogen free, three layer pliable conduit made of polypropylene, with color marking, outer nominal diameter (DN/OD) and resistance to compression $\geq 320\text{Nt}$ (according to EN 61386-22)

Product name

SUPERFLEX PLUS IAS
 Conduit for cable management and protection, halogen free
 Class: 23332

Properties

Raw material	Polypropylene (PP)
Color	RAL 1023 yellow (outer layer), RAL 9004 black (inner layer) RAL 3020 red (longitudinal lines)
Nominal diameter: Outer (DN/OD)	Ø (mm): 16.0, 20.0, 25.0, 32.0
Nominal diameter: Inner (DN/ID)	Ø (mm): 10.9, 14.2, 18.8, 24.9
Resistance to compression	$\geq 320\text{Nt}$
Resistance to impact	2J
Lower temperature range	-15°C
Upper temperature range	+105°C
Electrical insulated characteristics	Yes
Protection against ingress of solid objects	min IP65
Protection against ingress of water	min IP65
Tensile strength	Non declared
Resistance to flame propagating	Non flame propagating
Suspended load capacity	Non declared
Anti-electromagnetic technology	Absorbs a part of the electromagnetic radiation emitted by the cables.
Halogen free	Yes
Not attractive to rodents	Yes
Lower frictions	Special slip material is added in the internal layer
Antistatic Technology	Protection against static electricity
European Directives	2014/35/EE (LVD), 2011/65/EE (RoHS)
Assembled with	Coupler for DUROFLEX PLUS/ SUPERFLEX PLUS conduits
Packaging	50m, 100m, 50m, 25m
Part number	Red lines: 20100XX/ Green lines: 20170XX where XX: 16,20,25,32