



wire conduits



Description	EAN code	Article number
CANALIT wire conduit 30x30mm grey	8714177003949	961213
CANALIT wire conduit 25x40mm grey	8714177003963	961224
CANALIT wire conduit 30x40mm grey	8714177015119	961230
CANALIT wire conduit 40x40mm grey	8714177003987	961232
CANALIT wire conduit 60x40mm grey	8714177004007	961240
CANALIT wire conduit 25x60mm grey	8714177004045	961307
CANALIT wire conduit 30x60mm grey	8714177014778	961310
CANALIT wire conduit 40x60mm grey	8714177004069	961315
CANALIT wire conduit 60x60mm grey	8714177004083	961323
CANALIT wire conduit 80x60mm grey	8714177004106	961331
CANALIT wire conduit 100x60mm grey	8714177004120	961349
CANALIT wire conduit 25x80mm grey	8714177004144	961414
CANALIT wire conduit 30x80mm grey	8714177014914	961420
CANALIT wire conduit 40x80mm grey	8714177004168	961422
CANALIT wire conduit 60x80mm grey	8714177004182	961430
CANALIT wire conduit 80x80mm grey	8714177004205	961448
CANALIT wire conduit 100x80mm grey	8714177004229	961455
CANALIT wire conduit 120x80mm grey	8714177004243	961460
CANALIT wire conduit 80x100mm grey	8714177004267	961494
CANALIT wire conduit 100x100mm grey	8714177004281	961502

Material specifications:

The wire conduits meet the RoHS guideline (EU directive 2002/95/EF) and the REACH (EC1907/2006) guideline.
Colour: RAL 7030

Properties	Method	Unit	Value
Specific gravity	UNI 4294	g/cmc	1,46
Thickness	ASTM D792	g/cmc	1,46
Water absorption	UNI AB1950	%	0,02
Tensile strength (breaking point)	ASTM D638	kg/ccm	520
Elasticity to breaking point	ASTM D638	%	123
Tensile strength (to breaking point)	ASTM D638	kg/ccm	450
Rockwell hardness	ASTM D785	Scale R	115
Rockwell hardness	ASTM D785	Scale L	95
Handling temperature (5 kg in oil)	ASTM D1525	°C	85
Heat resistance under load	ASTM D1525	°C	78
Resistance to deforming (Martens)	DIN 53458	°C	190
Coefficient of expansion(linear)		mm/m/°C	0,052
Impact resistance	DIN 53453	kg/cm/cm ²	2,5
Elasticity module	ASTM D790	kg/cm ²	22,5
Dielectric constant	DIN 53483		5
Dielectric strength	DIN 53481	kV/mm	25
Behaviour in flames	ASTM D635		non-flammable

Polyvinylchloride (PVC)

Excellent electricity insulating properties, tough and flexible. PVC has an excellent non-ageing property.
With extreme temperatures (above 150°) harmful vapours are released, the breathing in of which must be prevented.
The types used are not suitable for application involving nutrients.

Physical properties

Moisture content: 0.5% after 7 days immersion
Tensile strength: 224 kg/cm²
Dielectric strength: >400 Volt per 0,001 inch
Temperature range: -35°C to +80°C continuous

Chemical properties

This material is resistant to most chemicals, although some organic solvents can cause swelling.