



# Plastic conduits for electrical installations



## EVOEL FL-0H-SMART low compression strength corrugated halogen-free conduits

Classification: 22432

A flexible, halogen-free electrical installation conduit made of a special light grey (RAL 7035) plastic material, with an orange inner gliding layer.

The conduit features a low mechanical resistance, a high thermal resistance, and a high flexibility at constant cross-section parameters. The special structure of the inner surface of the conduit with outstanding gliding properties allows to considerably extend the cable-pulling distances and reduce the length of installation work.

### Physical properties:

Material: a special plastic, low compression strength, low impact strength, temperature-resistance from -25°C to +105°C, flame-resistant, halogen-free, corrosion-resistant.

### Application area:

Due to the use of the halogen-free, thermally resistant material, the conduits are suitable for simple concealed installations as well as for installations in hollow walls, partitions, and suspended ceilings in public buildings: schools, kindergartens, hospitals, hotels, theatres, cinemas, museums, stadiums, arenas, shopping-centres, airports, railway terminals, and office buildings

\* Available with a metal wire for pulling of cables.

Compression strength:  
320 N/5cm

EN 61386-22  
EN 50267-2-2  
EN 61034-2  
Classification: 22432

	Code	16	20	25	32	40	50	
Outer Ø, [mm]		16.0	20.0	25.0	32.0	40.0	50.0	
Inner Ø, [mm]		10.1	14.4	19.1	24.6	31.5	40.2	
Roll [m]		100	50	50	50	25	25	
On palette [m]		3600	2700	1800	800	500	400	
Bend radius ≥ [mm]		60	80	100	130	170	220	
Colour: light grey	11111...	...016100LTGY	...02050LTGY	...02550LTGY	...03250LTGY	...04025LTGY	...05025LTGY	