FLEXIBLE CORRUGATED TUBE FOR AUTOMOTIVE GAS SYSTEMS

RKG

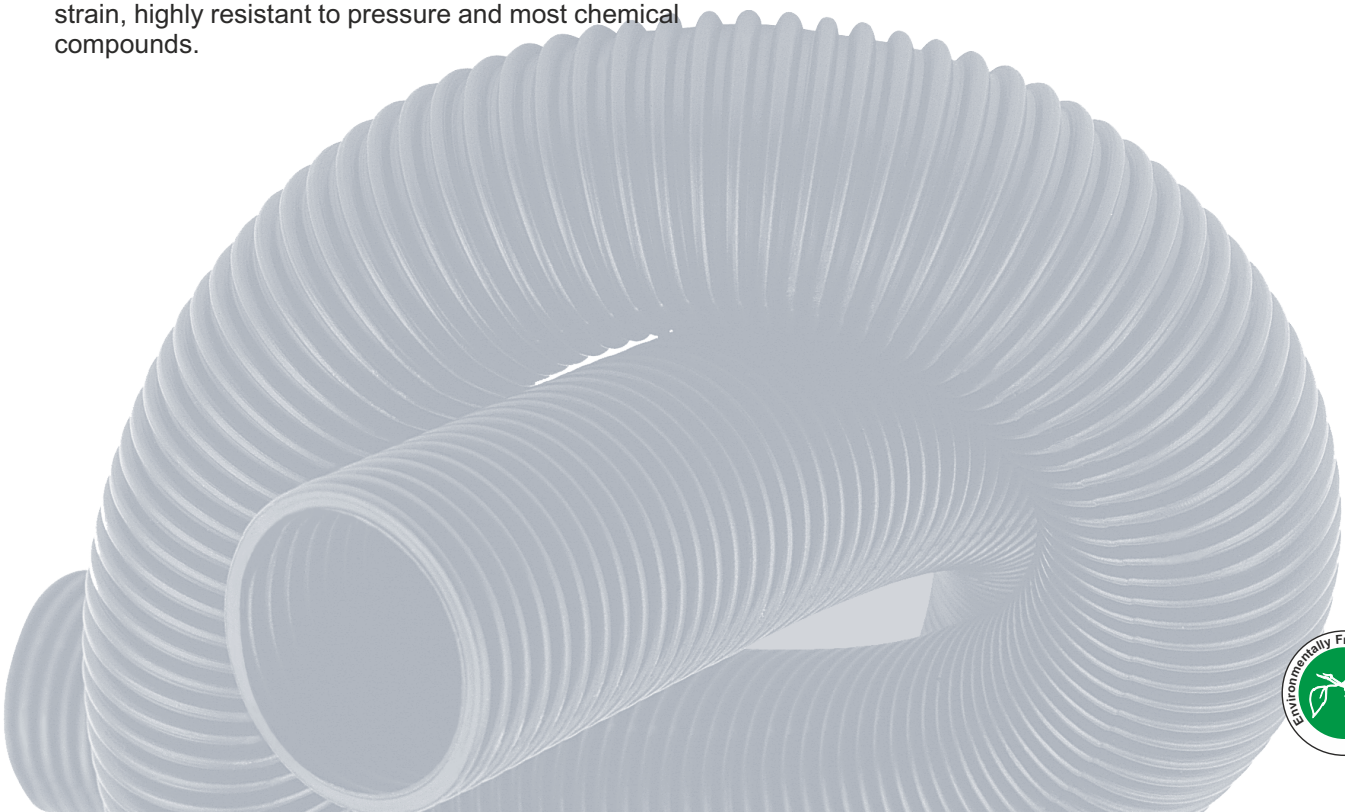
Mechanical strength: **400 N**
Impact resistance: **2,0 kg/100mm**
Temperature range (application, installation):
from -25°C to +135°C
Flexibility: **flexible tube**
Flammability: **flammable**
Material: **polyethylene mod. (HDPE-mod.)**

SUPERIOR FLEXIBILITY

HIGH TEMPERATURE RESISTANCE

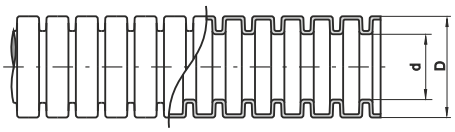
Application:
Designed to protect gas supply tubing in vehicles and reduce risk of leakage. Design guarantees flexibility whilst maintaining good resistance to abrasion. Size ranges specifically adapted to meet the requirements of gas installations commonly found in the automotive industry.

Characteristics of material:
Flammable, negligible gas and vapour permeability within a wide temperature range, soft, high elasticity and impact resistance, minimal deformability under strain, highly resistant to pressure and most chemical compounds.



Environmentally Friendly Production

RKG



Standard diameters

d Inside diameter (mm)	D Outside diameter (mm)	Coil length (m)
30	35	50
40	46	25

Resistance to selected chemical compounds

Acids	weak	high
	strong	high
	oxidized	lack
	hydrofluoric	high
Bases	dry halogens	lack
	weak	high
	strong	high
Solvents	alcohols	high
	esters	high
	ketones	high
	ethers	medium
	chlorinated hydrocarbons	medium
Oil and diesel materials	benzene	medium
	petrol	medium
	diesel mixtures	medium
	mineral oils	medium
	fatty oils	high

Places of Applications

Wall installations	not allowed
Sunk installations	not allowed
Outer wall installations	not allowed
Plaster walls	not allowed
Combustible surfaces (wood, etc.)	not allowed
Underground installations	not allowed
Poured concrete, vibrated concrete	not allowed
Steamed and vibrated concrete	not allowed
Electrotechnical equipment, industrial apparatus	recommended
Control and automatics	recommended
Food and chemical industry facilities	recommended
Automotive industry	recommended
Shipyard industry	recommended
Aircraft industry	not allowed

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modern technical idea

The specification can be subject of change without notice.

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