

# KWL ventilation duct

## FIP VENTILATION Classic

The round ventilation pipe from FRÄNKISCHE Industrial Pipes allows flexible installation in tight bending radii in raw concrete, or installation situations with sufficient installation height. The corrosion-resistant material was tested according to EN ISO 846-A and is also available with antibacterial and antistatic inner layer.

### TECHNICAL DATA

#### Characteristics

##### ■ Material

physiologically and toxicologically safe polyethylene (PE), virgin material without recycled material, odourless

##### ■ Additives

inner pipe optional with antistatic and antibacterial additives; tested and confirmed acc. to EN ISO 846-A

##### ■ Type of pipe

multi-layer, corrugated outside, smooth inside

##### ■ Ring stiffness

$\geq 8 \text{ kN/m}^2$  acc. to EN ISO 9969

##### ■ Air flow direction

ventilation and exhaust

##### ■ Color and packaging

acc. to customer requirements

##### ■ Accessory

sockets, seals and caps on request

#### Benefits

- low pressure drop
- high sound insulation
- easy to clean
- very flexible
- flow optimized

#### Nominal pipe diameters

NW	D <sub>0</sub> [mm]	D <sub>i</sub> [mm]	Max. inner corrugation [mm]	R <sub>min</sub> [m]
DN 50	51	41	0,4	0,15
DN 63	64	54	0,5	0,15
DN 75	76	63	0,6	0,15
DN 90	91	78	0,7	0,15

#### Pressure drop diagram

