

- Rounded duct
- Antistatic, antibacterial and high impact resistant
- DN63 /DN75/ DN90



Rounded plastic ducts type SRD-C 1000

- Rounded ducts ;
- Double layer;
- Flexible;
- Supplied in sections of 50 linear meters.

Brand

Cairox

Composition

- Reaction to fire class: D-s2,d2;
- Compression strength: 500N;
- Impact resistance: N;
- Longitudinal stiffness: flexible ducts;
- Material: modified polyethylene (HDPE-mod.) approved for food contact.

External layer

- Properties: high impact strength and mechanical resistance;
- UV stabilisation – medium;
- Colour: white RAL 9003.

Internal layer:

- Properties: Material with antibacterial and antifungal properties, antistatic, extremely smooth surface, fluorescent under UV;
- Global migration (average): < 0,5 mg/dm²;
- Colour: transparent.

Features and benefits

DN: from 63 to 90 mm including dimensional tolerances according to EN 61386-24
Without a specially designed gasket / without a specially designed fastening

Air tightness – class : ATC2

Operating pressure range : -750 Pa - +2000 Pa

Operating temperature : STL -15°C to STH +50°C

Thermal tolerance :

Thermal resistance: 0.0397 mbK/W

Thermal conductivity: 25.2 W/K/mb, mb – linear meter

Microbiological resistance :

Reduction (%) in bacterial growth after 24 h:

- E. Coli 98%
- S. aureus 99.7%
- P. aeruginosa 98.6%
- L. pneumophila 99.94%
- S. enterica 99.63%

Reduction in fungal growth (%):

- A. brasiliensis 100%
- P. expansum 100%
- C. albicans 100%
- S. cerevisiae 100%

Nominal dimension, (mm)	Technical data						
	Air velocity, (m/s)						
	0.5	1	1.5	2	3	4	6
63	3.9	7.8	11.7	15.6	23.4	31.2	39
75	5.3	10.5	15.8	21	31.6	42.1	52.6
90	7.8	15.7	23.5	31.4	47.1	62.8	78.5

Selection curves



Dimensions - circular				
Nominal dimension DN (mm)	Inner diameter (mm)	Outer diameter (mm)	Minimum bending radius *(m)	Lengths of sections (m)
63	52	63.2	0.15	50
75	61	76.2	0.17	50
90	75	90.6	0.25	50