SEMIDEC®

SEMIDEC® is a very flexible and compressable duct constructed of one layer of corrugated aluminium. By the inter lockseam a high airtighness and flexibility is reached.

SEMIDEC®

- suitable for mechanical air supply systems and air conditioning systems.
- fire resistant according to the German norm **DIN4102** and to the European norm **EN13501-1** and Classified as **A1**.
- mechanical manufactured according **NEN-EN13180**.

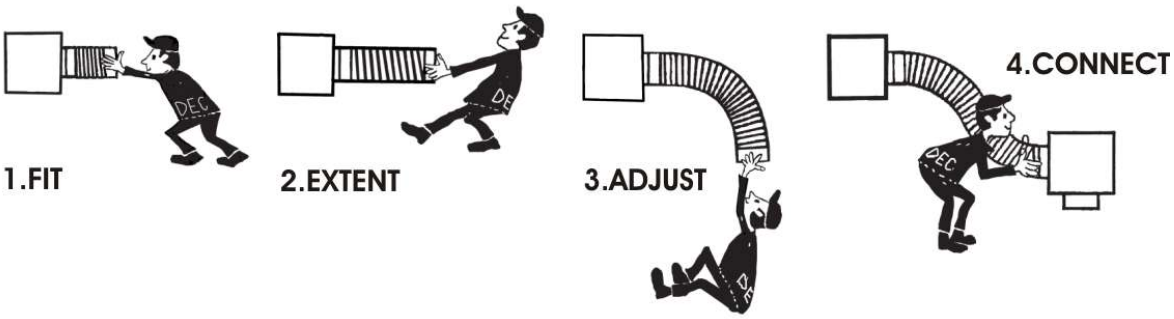
Applications in practice

SEMIDEC®

- Mechanical air supply systems
- Air conditioning systems
- Systems, where vapors should be exhausted
- Above mentioned systems, where a special mechanical strength is required

1.4c

HOW TO INSTALL



Restrictions in the range of application
The **SEMIDEC®** is not suitable for transporting air with a high concentration of acid and base.

PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product.
The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

	SEMIDEC®
Mechanical properties	
Temperature range (°C)	-30 - +250
Peak. value (°C)	+400
Max. operating pressure (Pa)	+3000
Max. air velocity (m/s)	30
Diameter range (mm)	050 - 400
Fire classes according to	
Europe (EN13501-1)	A1
The Netherlands (NEN 6065/6066)	1
Germany (DIN 4102)	A1
France (CSTB)	M0
Switzerland (BKZ)	6Q3
United Kingdom (BS 476)	4, 6, 7 and 20
Austria (B3800)	A1
Sweden (Swedcert)	A15
Italy (CSI)	0
Technical Data	
Article code	**DXD{Ø}**
Material Construction	1 Layer Aluminium
Minimum bending radius	1 x Ø
Standard length (meters)	3
Standard Color	Aluminium

D (mm)	Tolerance	DA (mm)
050	+1,0 / -0	057
060	+1,0 / -0	067
075	+1,0 / -0	082
080	+1,0 / -0	087
100	+1,0 / -0	107
125	+1,0 / -0	132
140	+1,0 / -0	147
150	+1,5 / -0	157
160	+1,5 / -0	167
180	+1,5 / -0	187
200	+1,5 / -0	207
224	+1,5 / -0	231
250	+2,0 / -0	257
280	+2,0 / -0	287
300	+2,0 / -0	307
315	+2,0 / -0	322
355	+2,0 / -0	402
400	+2,0 / -0	407