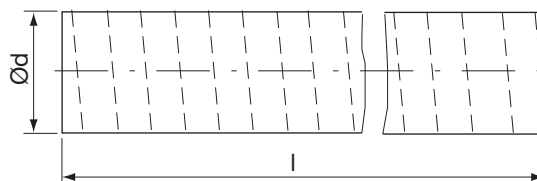


Flexible budget light duct

FBLD



Dimensions



Description

Multi-layer duct wall reinforced with a spiral wire. The duct wall is thinner than FMD and FHD, which means lower durability to temperature and pressure.

Applications

Used in ventilation, air conditioning, and air handling systems where a low-cost, non-rated flexible duct is suitable.

Classifications

EU - EN 13180 Dia. Class B, Tightness Class C, Sag < 15°, Crushing Strength 13–35 kg compressed, 2–5 kg uncompressed.

Advantages

- Easy assembly
- Very small storage and transport volume
- Manufactured from puncture and tear resistant materials. Withstands repeated flexing without damage

Technical data

Duct material	Aluminium-polyester (AP)
Minimum bending radius.....	1,0×d
Maximum air velocity	20 m/s
Temperature range	-30 to +82 °C
Working pressure	from -188 to +1500 Pa
Delivery length.....	Compressed to 0,4 or 0,8 m
Packing	Individual box
Standard length.....	10 m

Ød nom	O πd m	A πd ² /4 m ²	l mm	Max. pressure Pa
82	0,258	0,005	10000	+1500
102	0,320	0,008	10000	+1500
127	0,157	0,013	10000	+1500
133	0,198	0,014	10000	+1500
152	0,478	0,018	10000	+1500
160	0,503	0,020	10000	+1500
180	0,565	0,025	10000	+1500
203	0,638	0,032	10000	+1500
229	0,719	0,041	10000	+1500
254	0,798	0,051	10000	+1500
305	0,958	0,073	10000	+1500
315	0,990	0,078	10000	+1500
356	1,12	0,100	10000	+1500
406	1,28	0,129	10000	+1500
457	1,44	0,164	10000	+1500
508	1,60	0,203	10000	+1500
560	1,76	0,246	10000	+1500
610	1,92	0,292	10000	+1500

Ordering example

