

FLEXIBLE PU®

STRUCTURE: Polyester Polyurethane pipe, interior side is smooth, with built in hard PVC spiral.

CHARACTERISTICS: Very light and extremely flexible hose with good tensile and abrasion strengths and ultimate elongation.

CHEMICAL RESISTANCE: Resistance to water and neutral aqueous saline solutions, resistance to fuels, resistance to oils and greases, resistance to acids and alkaline solutions.

APPLICATIONS: Dust exhausting in wood manufacturing industry, chips and fiber cleaning in textile industry, transport (Wood) pellets materials. Universal hose for air and gas transportation in chemical and plastic industry.

TEMPERATURE APPLICATION: from -40°C to +90°C

DIAMETERS: from 20 mm to 250 mm

LENGTHS: max. 20m

COLOUR: white + transparent



TECHNICAL DATA

Dia. mm	Max. Vacuum mbar	Bending radius mm	Name	Material thickness mm	Lenght m
20	352	r=D	PU	0,8	L=20
22	352		PU	0,8	
25	352		PU	0,8	
28	352		PU	0,8	
30	352		PU	0,8	
32	352		PU	0,8	
35	352		PU	0,8	
38	352		PU	0,8	
40	352		PU	0,8	
45	350		PU	0,8	
50	350		PU	0,8	
52	349		PU	0,8	
60	348		PU	0,8	
63	348		PU	0,8	
70	347		PU	0,8	
75	346		PU	0,8	
80	346		PU	0,8	
90	345		PU	0,8	
100	344		PU	0,8	
110	343		PU	0,8	
120	342		PU	0,8	
125	342		PU	0,8	
130	342		PU	0,8	
140	341		PU	0,8	
150	340		PU	0,8	
160	340		PU	0,8	
170	340		PU	0,8	
180	339		PU	0,8	
190	339		PU	0,8	
200	338		PU	0,8	
250	336		PU	0,8	

Further design and diameters available upon request.

Technical data are based on + 20° C

FLEXIBLE PP®

MATERIAL: Soft PVC with built in hard PVC spiral.

Interior side is smooth, exterior is threaded.

APPLICATION: Dust exhausting in wood manufacturing industry, cleaning chips away, cleaning fibres away in textile industry etc.

TEMPERATURE APPLICATION: from -10° to +60°

DIAMETERS: from 20mm to 250mm

LENGTHS: maximal 20 m

COLOUR: white + transparent

Further design and diameters available upon request.

Technical data are based on + 20° C



TECHNICAL DATA

Dia. mm	Max. Vacuum mbar	Bending radius mm	Name	Material thickness mm	Lenght m
20	352	r=D	PP	0,8	L=20
22	352		PP	0,8	
25	352		PP	0,8	
28	352		PP	0,8	
30	352		PP	0,8	
35	352		PP	0,8	
40	352		PP	0,8	
45	350		PP	0,8	
50	350		PP	0,8	
52	349		PP	0,8	
60	348		PP	0,8	
70	347		PP	0,8	
75	346		PP	0,8	
80	346		PP	0,8	
90	345		PP	0,8	
100	344		PP	0,8	
110	343		PP	0,8	
120	342		PP	0,8	
125	342		PP	0,8	
130	342		PP	0,8	
140	341		PP	0,8	
150	340		PP	0,8	
160	340		PP	0,8	
170	340		PP	0,8	
180	339		PP	0,8	
190	339		PP	0,8	
200	338		PP	0,8	
250	336		PP	0,8	

DEC International®

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PROFIT ON ALL FRONTS WITH THE UNIQUE FLEXIBLE EXTRACTION SYSTEM: CLEANDEC®

Extraction from sanding/grinding and welding torches:

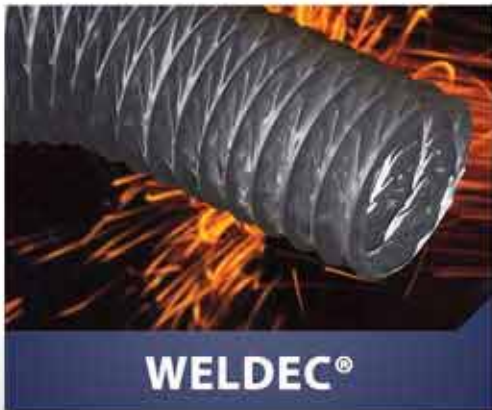
- * On-tool extraction of dust and particles
- * On-torch extraction of welding fumes

Extraction:

- * Dust and particles
- * Welding fumes
- * Exhaust fumes
- * Solvents
- * Gases and odours



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WELDEC®



FLEXIBLE PU® PP®



FLEXIBLE PU-W®

The Solution for Metalworking/welding Machining Composites Extraction: **Cleandec®**

WELDEC® Light weight and very flexible ducting of PVC-coated fabric

MATERIAL (TWO POSIBILITIES):
* PVC-coated-polyester fabric
* PVC-coated-glass fabric

COLOUR:
Grey, Black, White

SINGLE LENGTH:
1,2, 3, 4, 5, 10 m

TEMPERATURE RESISTANCE:
-30° up to +80° C

APPLICATIONS:
Air-conditioning, suction of air and welding fumes, domestic appliances, vehicle exhaust extraction for repair shops.

PROPERTIES:
Excellent flexibility, good compressibility, self-extinguishing.

CLASSIFICATIONS:
Polyester fabric - German DIN 4102-1 class B2
Swedish type approval BBR
Glass fabric - French NF P 92-503 class M1.
Swedish type approval BBR
UK BS476 - part 6, 7 and 20

Further design and diameters available upon request.
Technical data are based on + 20° C



TECHNICAL DATA

Article Code	Dia. mm	Max. Vacuum mbar	Bending radius mm	Material thickness mm	Lenght m
DG122Ø and DG222Ø range	82	163	r=D	0,22	1,2,3,4,5,10
	102	163		0,22	
	127	114		0,22	
	152	85		0,22	
	160	78		0,22	
	165	75		0,22	
	203	53		0,22	
	254	33		0,22	
	508	10		0,22	



FLEXIBLE PU-W®

STRUCTURE: Wall made of abrasion resistant Polyester Polyurethane, a copper plated spring steel spiral is embadded into wall.

CHARACTERISTICS: Very light and extremely flexible hose with good tensile and abrasion strengths and ultimate elongation.

CHEMICAL RESISTANCE: Resistance to water and neutral aqueous saline solutions, resistance to fuels, resistance to oils and greases, resistance to acids and alkaline solutions.

APPLICATIONS: Special advantages of this flexible hose is good abrasion strenght, which makes this hose applicable for transport abrasions materials (dust exhausting, cleaning chips away, metal piece, sand and stone peace) within the wood manufacturing industry, mechanical industry, mining industry etc. Universal hose for air and gas transportation in chemical and plastic industry etc.

TEMPERATURE APPLICATION: from -40°C to +90°C
DIAMETERS: from 60 mm to 356 mm
LENGTHS: max. 10m



Dia. mm	Max. Vacuum mbar	Bending radius mm	Name	Material thickness mm	Lenght m
60	320	r=D	PU-W	0,5	L=10
76	320		PU-W	0,5	
82	316		PU-W	0,5	
90	312		PU-W	0,5	
102	306		PU-W	0,5	
112	301		PU-W	0,5	
120	298		PU-W	0,5	
127	296		PU-W	0,5	
133	293		PU-W	0,5	
140	291		PU-W	0,5	
152	288		PU-W	0,5	
165	284		PU-W	0,5	
185	279		PU-W	0,5	
203	275		PU-W	0,5	
229	270		PU-W	0,5	
254	266		PU-W	0,5	
280	250		PU-W	0,5	
305	250		PU-W	0,5	
315	240		PU-W	0,5	
356	230		PU-W	0,5	

Further design and diameters available upon request.
Technical data are based on + 20° C