Pneumatic hose | PUR | chainflex® CFAIR

- 000
- For heaviest duty applications
- PUR hose
- Oil-resistant and coolant-resistant
- Abrasion-resistant
- Outside-toleranced
- PVC and halogen-free

Dynamic information

bynamio information		
Bend radius	flexible	minimum 10 x d
	fixed	minimum 7.5 x d
Carl Temperature	flexible	-25°C up to +80°C
	fixed	-40°C up to +85°C
v max.	unsupported	10m/s
	gliding	6m/s
a max.	50m/s ²	
echnical data		
Material	Abrasion-resist in e-chains [®] .	tant polyurethane adapted to suit the requirements
	Colour: Blue	
Dimensions	Outside-tolerar	nced
Operating pressure	12 bar at 20°C	
Vacuum	-1 bar at 20°C	
Properties and approvals		

Oil resistance	Oil-resistant
Silicone-free Halogen-free	Free from silicone which can affect paint adhesion (following PV 3.10.7 – status 1992) Following DIN EN 60754
Rous Lead-free	Following 2011/65/EC (RoHS-II)
	In accordance with the valid regulations of the United Kingdom (as at 08/2021)

image Example i

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Part No.	Max. package length	Inner diameter
	Ũ	
	[km]	[mm]
CAPU.A.04.0	1.0	2.7
CAPU.A.06.0	0.5	4.0
CAPU.A.08.0	0.5	5.7
CAPU.A.10.0	0.3	7.0
CAPU.A.12.0	0.2	8.0
CAPU.A.16.0	0.1	11.0



igus® chainflex® CFAir pneumatic hoses were tested over several million bending cycles in e-chains®. Their outstanding features include flexibility, high abrasion resistance and very good resistance to oil and coolants.



igus

Cables available in the chainflex[®] CASE

Simple savings on delivery, storage space and re-ordering with the chainflex[®] CASE - ship'n store by igus[®].

More on this on page 24/25 and online: www.igus.eu/cf-case

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10 x d

Wall thickness	Outer diameter (d) max.	Weight
[mm]	[mm]	[g/m]
0.65	4.0	8
1.00	6.0	19
1.15	8.0	30
1.5	10.0	48
2.00	12.0	76
2.50	16.0	127







Pneumatic hose | PE | chainflex® CFCleanAIR

	For	hooviget	duty	ann	liantiana
-	101	heaviest	uuty	app	lications

- PE hose
- Oil-resistant and coolant-resistant
- Highly abrasion-resistant
- Outside-toleranced
- PVC and halogen-free

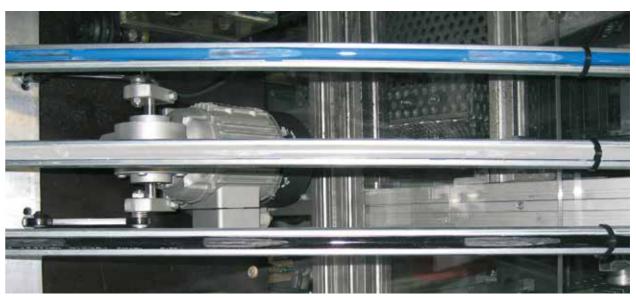
Dynamic information

Bynamio information			
Bend radius	flexible	minimum 10 x d	
	fixed	minimum 7.5 x d	
🛌 Temperature	flexible	-25°C up to +60°C	
	fixed	-30°C up to +65°C	
v max.	unsupported	10m/s	
	gliding	6m/s	
a max.	50m/s ²		
Technical data			
Material	Highly abrasion-resistant polyethylene adapted to suit the require- ments in e-chains [®] . Colour: White		
Dimensions	Outside-toleranced		
Operating pressure	10 bar at 20°C		
Vacuum	-0.95 bar at 20°C		
Properties and approvals			
Oil resistance	Oil-resistant		

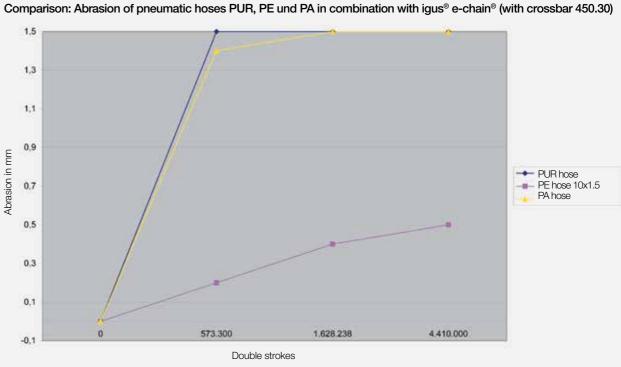
oil	
Silicone-free	Free from silicone which can affect paint adhesion (following PV
	3.10.7 – status 1992)
Halogen-free	Following DIN EN 60754
Rous Lead-free	Following 2011/65/EC (RoHS-II)
clean- cleanroom	According to ISO Class 1, material/hose tested by IPA according
	to DIN EN ISO standard 14644-1
	In accordance with the valid regulations of the United Kingdom (as at 08/2021)

Example image

Part No.	Max. package length [km]	Inner diameter [mm]
CAPE.A.04.0	1.0	2.7
CAPE.A.06.0	0.5	4.0
CAPE.A.08.0	0.5	5.7
CAPE.A.10.0	0.3	7.0
CAPE.A.12.0	0.2	8.0
CAPE.A.16.0	0.1	11.0



igus® material abrasion test



EPLAN download, configurators ► www.igus.eu/CFCleanAIR

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CFCleanAIR
PE
10 x d

Wall thickness	Outer diameter (d) max.	Weight
[mm]	[mm]	[g/m]
0.65	4.0	8
1.00	6.0	15
1.15	8.0	21
1.5	10.0	38
2.00	12.0	54
2.50	16.0	90

