

Pneumatic hose | PUR | chainflex® CFAIR



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

Dynamic information

	Bend radius	flexible	minimum 10 x d
		fixed	minimum 7.5 x d
	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

Technical data

	Material	Abrasion-resistant polyurethane adapted to suit the requirements in e-chains®. Colour: Blue	
	Dimensions	Outside-toleranced	
	Operating pressure	12 bar at 20°C	
	Vacuum	-1 bar at 20°C	

Properties and approvals

	Oil resistance	Oil-resistant	
	Silicone-free	Free from silicone which can affect paint adhesion (following PV 3.10.7 – status 1992)	
	Halogen-free	Following DIN EN 60754	
	Lead-free	Following 2011/65/EC (RoHS-II)	
	UKCA	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]	Wall thickness [mm]	Outer diameter (d) max. [mm]	Weight [g/m]
CAPU.A.04.0	1.0	2.7	0.65	4.0	8
CAPU.A.06.0	0.5	4.0	1.00	6.0	19
CAPU.A.08.0	0.5	5.7	1.15	8.0	30
CAPU.A.10.0	0.3	7.0	1.5	10.0	48
CAPU.A.12.0	0.2	8.0	2.00	12.0	76
CAPU.A.16.0	0.1	11.0	2.50	16.0	127



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.



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-asean.com/cf-case

