

TECHNICAL DATASHEET

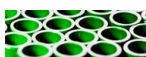
PA12 – SPIRAL HOSE

PA 12 spiral hoses are ideal for air tools used at varying distances from a fixed air outlet.

They can easily be stretched and retracts immediately when released. The spirals are as standard delivered without swivels and spring guard.

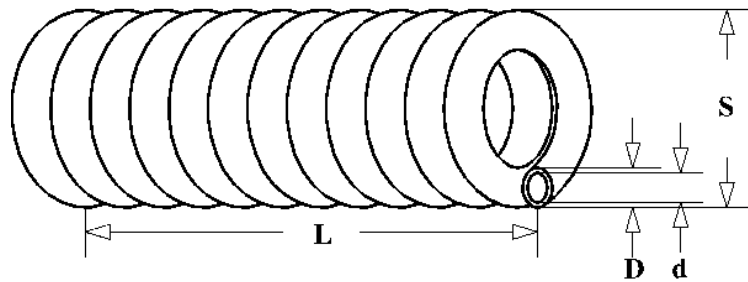
PA 12 spiral hose has better mechanical properties and offers better retraction behavior than PUR.

Material	Polyamide 12 in various hardness
Product code	<ul style="list-style-type: none"> • PA12 ST (PA01) – Semiflexible PA12 classified as PA12PHL (DIN73378) • PA12 HA (PA23) – Rigid PA12 classified as PA12P (DIN73378) • PA12 PHL (PA24) – Semiflexible PA12 classified as PA12PHLY (DIN73378) • PA12 HIPHL (PA01) – Semiflexible PA12 classified as PA12HIPHL (DIN73378) • PA12 SF (PA26) – Super flexible PA12 <p>Please see individual datasheets for material characteristics</p>
Product type	Spiral hose
Application	Spiral hose for pneumatics, motor industry, hydraulic systems, industrial purposes, and food contact
Characteristics	<p>High quality pneumatic spiral hose med particular good mechanical, thermal and chemical properties.</p> <p>Individual datasheets with materials characteristics are available from our website.</p>
Standard/Norms	N/A
Compliance	<ul style="list-style-type: none"> - EC Regulation 1907/2006 (REACH) - Directive 2011/65/EU (ROHS)
Approval	N/A
Color	<p>Standard: Natural, black, red, blue, green, and yellow</p> <p>Specialties: Special colours at an additional charge</p>
Print	Black or white printing at an additional charge
Packaging	Each spiral is wrap in shrinkage foil or brown paper



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Design



Dimension: 15 meters working length (30 meters hose)
 No free ends
 Other dimensions are available as per request

Hose OD (D) mm	Hose ID (d) mm	Working length m	Spiral hose OD (S)		Spiral hose length (L)	
			mm	Tolerance	mm	Tolerance
4	2	15	45	+10/-5%	890	+10/-5%
4	2,5	15	45	+10/-5%	890	+10/-5%
5	3,2	15	48	+10/-5%	1200	+10/-5%
6	4	15	72	+10/-5%	870	+10/-5%
6	4,5	15	72	+10/-5%	870	+10/-5%
8	6	15	92	+10/-5%	1000	+10/-5%
10	7,5	15	122	+10/-5%	940	+10/-5%
10	8	15	130	+10/-5%	860	+10/-5%
12	9	15	134	+10/-5%	950	+10/-5%
12	9,5	15	134	+10/-5%	950	+10/-5%
12	10	15	164	+10/-5%	800	+10/-5%
16	12	15	200	+10/-5%	830	+10/-5%

Origin

Products are "Made in Denmark" and raw material for the products originates from the EU or EFTA countries

Documentation

Specific documentation is available for:

- materials
- chemical resistance
- permeability
- packaging
- regulatory status

The information contained in this document is based on information obtain from raw material suppliers, data selected from the literature and specific testing, but shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Knudsen Extrusion ApS regarding the handling or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.

