

- > **Port size: R1/4 & R3/8, G1/2A**
- > **PA Pneuflex spring coils ideally suited for use with pneumatic tools, machine tools, industrial robots and many general applications**
- > **Spring coils supplied complete with swivel fittings at both ends**
- > **Good resistance to oils, hydrocarbons and solvents**



Technical features

Medium:

Compressed air.
Consult our Technical Service for use with other fluids

Operating pressure:

Refer to specific tubing type on the tables below

Tube Sizes:

6, 8, 10, 12, 15 mm O/D

Maximum working lengths:

3, 3,75, 5, 7.5 and 15 m

Threads:

R1/4, R3/8, R1/2

Continuous temperature:

+80°C (+176 °F)

Coils colour:

Yellow

Other colours can be supplied to order.

Materials:

Spring Coils: PA11, nickel plated brass fitting body, nitrile rubber seals, galvanised steel protection spring

Technical data

O/D tube (mm)	Adaptor (thread)	Length of closed spiral (mm)	Working length (mm)	Operating pressure at +20°C (bar)	Model
6		200	3000	31	PA330600328
		250	3750		PA330600428
		333	5000		PA330600528
		500	7500		PA330600828
		1000	15000		PA330601528
8	R1/4	200	3000	22	PA330800328
		250	3750		PA330800428
		333	5000		PA330800528
		500	7500		PA330800828
		1000	15000		PA330801528
10		210	3000	17	PA331000328
		262	3750		PA331000428
		350	5000		PA331000528
		525	7500		PA331000828
		1000	15000		PA331001528

O/D tube (mm)	Adaptor (thread)	Length of closed spiral (mm)	Working length (mm)	Operating pressure at +20°C (bar)	Model
12	R3/8	200	3000	12	PA331200338
		250	3750		PA331200438
		333	5000		PA331200538
		500	7500		PA331200838
		1000	15000		PA331201538
*15	G1/2A	166	3000	17	PA331500348
		207	3750		PA331500448
		277	5000		PA331500548
		415	7500		PA331500848

Mounting method: swivel fittings with male threads at both ends.

* All adaptors thread are BSPT except 1/2 BSPP male thread.

Operating pressure/temperature conversion factors

Working temperature	Factor
+30°C	0,83
+40°C	0,72
+50°C	0,64
+60°C	0,57
+80°C	0,47

To calculate working pressures at various temperatures, multiply working pressure at +20°C by factor given in table. Maximum continuous working temperature: +80°C

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.