

- 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 Data

Medium:

Compressed air, water, inert gases, oils and any other fluid compatible with PA11, nickel plated brass and NBR

Tube Sizes:

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

3, 3.75, 5, 7.5 and 15m maximum working lengths

Operating Pressure:

See details overleaf

Operating Temperature:

See details overleaf

Materials

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

PA Pneuflex Threads

BSPT thread $\frac{1}{4}$, $\frac{3}{8}$

BSPP thread $\frac{1}{2}$

Ordering Information

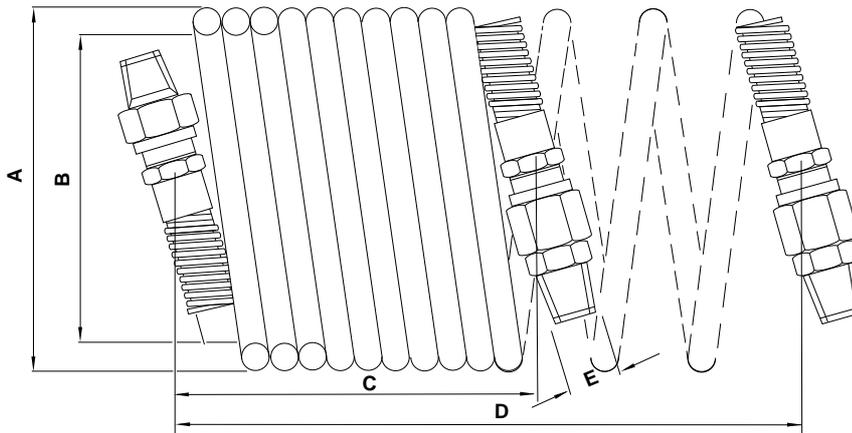
To order quote the appropriate product numbers from the tables on the following page.



General Information – PA Pneuflex Spring Coils

Product number	O/D tube (mm)	I/D tube (mm)	A (mm)	B (mm)	Length of closed spiral (mm) C	Length of maximum extension (m) D	Operating pressure at +20°C (bar)	Thread (BSPT) E
PA330600328	6	4	64	52	200	3	31	1/4
PA330600428	6	4	64	52	250	3,75	31	1/4
PA330600528	6	4	64	52	333	5	31	1/4
PA330600828	6	4	64	52	500	7,50	31	1/4
PA330601528	6	4	64	52	1000	15	31	1/4
PA330800328	8	6	86	70	200	3	22	1/4
PA330800428	8	6	86	70	250	3,75	22	1/4
PA330800528	8	6	86	70	333	5	22	1/4
PA330800828	8	6	86	70	500	7,50	22	1/4
PA330801528	8	6	86	70	1000	15	22	1/4
PA331000328	10	8	105	85	210	3	17	1/4
PA331000428	10	8	105	85	262	3,75	17	1/4
PA331000528	10	8	105	85	350	5	17	1/4
PA331000828	10	8	105	85	525	7,50	17	1/4
PA331001528	10	8	105	85	1000	15	17	1/4
PA331200338	12	10	134	110	200	3	12	3/8
PA331200438	12	10	134	110	250	3,75	12	3/8
PA331200538	12	10	134	110	333	5	12	3/8
PA331200838	12	10	134	110	500	7,50	12	3/8
PA331201538	12	10	134	110	1000	15	12	3/8
PA331500348	15	12	190	160	166	3	17	1/2 (Parallel)
PA331500448	15	12	190	160	207	3,75	17	1/2 (Parallel)
PA331500548	15	12	190	160	277	5	17	1/2 (Parallel)
PA331500848	15	12	190	160	415	7,50	17	1/2 (Parallel)

Mounting Method: Male thread and swivel fitting at both ends. Pneuflex Spring Coils are coloured yellow. Coils of 4 and 5 mm tube are available special order.



Working pressure/temperature conversion factors

Working temperature °C	Factor
-40°C to +20°C	1,00
+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 -40°C to +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 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 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 where applicable.