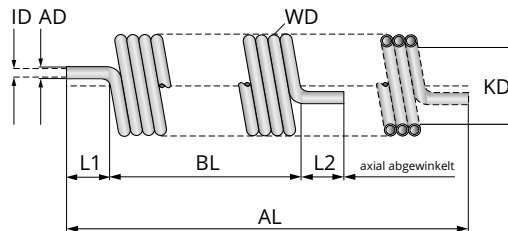




Ebora

Polyamide PA 12-PHL axial spirals



PA compressed air spirals are ideally suitable for the air feed to air consumers and offer the following advantages:

- No disruptive effect
- No risk of tripping at the workplace
- More clearly arranged workplace
- Space-saving
- Lighter and more mobile than conventional compressed air hoses
- Oil resistant
- Good resilience
- No pressure losses
- Long service life
- Ideal air feed in combination with balances for compressed air driven manual tools

Default colour

Blue

Nominal dimensions

AD = outer diameter in mm
 ID = inner diameter in mm
 (Production dimension)
 AL = working length in m
 AG = without/with connection threads
 KD = core diameter in mm
 L1 = axial mm
 WD = x-time windings
 BL = block length in mm

 AG = connection thread s = fixed
 AG = connection thread d = rotatable

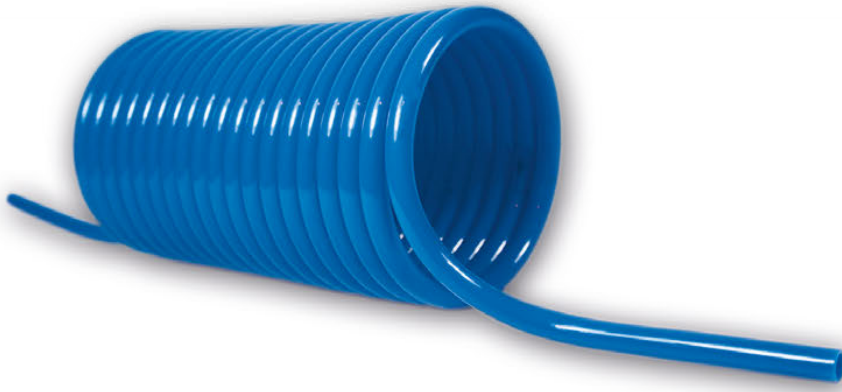
Standard types

with axial outputs

Other nominal dimensions, connection threads and colours can be delivered on request.

Screw joints

Fixed and rotatable
 Design with an anti-kink spring
 See page C2 - C7



Polyamide PA 12-PHL axial spirals ●

Product No.	Type	Nominal dimensions		AL m	AG	KD mm	L1 mm	WD X-times	BL mm	Weight g/piece
		AD mm	ID mm							
40001	PA-Spi	4.3	3	2.5	without	30	80	44	195	39.0
40002	PA-Spi	4.3	3	5.0	without	30	80	86	385	77.0
40003	PA-Spi	4.3	3	7.5	without	30	80	128	570	116.0
40006	PA-Spi	4.3	3	10.0	without	30	80	170	760	154.0
4002	PA-Spi	6	4	2.5	without	60	80	22	140	81.0
4004	PA-Spi	6	4	5.0	without	60	80	44	280	162.0
40042	PA-Spi	6	4	7.5	without	60	80	66	420	243.0
40044	PA-Spi	6	4	10.0	without	60	80	88	560	324.0
4007	PA-Spi	8	6	2.5	without	80	80	17	140	114.0
4009	PA-Spi	8	6	5.0	without	80	80	34	280	227.0
40092	PA-Spi	8	6	7.5	without	80	80	51	425	340.0
40098	PA-Spi	8	6	10.0	without	80	80	68	565	454.0
4012	PA-Spi	10	8	2.5	without	90	80	15	165	146.0
4014	PA-Spi	10	8	5.0	without	90	80	30	330	291.0
40142	PA-Spi	10	8	7.5	without	90	80	45	495	437.0
40144	PA-Spi	10	8	10.0	without	90	80	60	660	582.0
4017	PA-Spi	12	9	2.5	without	90	80	15	190	255.0
4019	PA-Spi	12	9	5.0	without	90	80	30	380	510.0
40192	PA-Spi	12	9	7.5	without	90	80	45	570	765.0
40193	PA-Spi	12	9	10.0	without	90	80	60	760	1020.0
4022	PA-Spi	15	12	2.5	without	150	80	10	160	328.0
4024	PA-Spi	15	12	5.0	without	150	80	20	320	655.0
40242	PA-Spi	15	12	7.5	without	150	80	30	480	983.0
40246	PA-Spi	15	12	10.0	without	150	80	40	640	1310.0



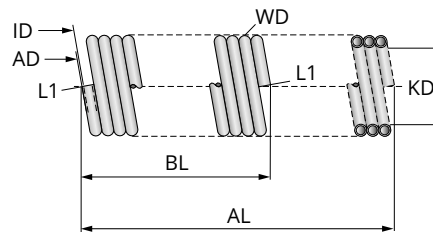
Ebora

Polyamide PA 12-PHL axial spirals with screw joint ●

Product No.	Type	Nominal dimensions		AL m	AG	KD mm	L1 mm	WD X-times	BL mm	Weight g/piece
		AD mm	ID mm							
4001	PA-Spi	6	4	2.5	G $\frac{1}{8}$ " d	60	80	22	140	113.0
4003	PA-Spi	6	4	5.0	G $\frac{1}{8}$ " d	60	80	44	280	224.0
40041	PA-Spi	6	4	7.5	G $\frac{1}{8}$ " d	60	80	66	420	305.0
40043	PA-Spi	6	4	10.0	G $\frac{1}{8}$ " d	60	80	88	560	386.0
4006	PA-Spi	8	6	2.5	G $\frac{1}{4}$ " d	80	80	17	140	200.0
4008	PA-Spi	8	6	5.0	G $\frac{1}{4}$ " d	80	80	34	280	313.0
40091	PA-Spi	8	6	7.5	G $\frac{1}{4}$ " d	80	80	51	425	426.0
40099	PA-Spi	8	6	10.0	G $\frac{1}{4}$ " d	80	80	68	565	540.0
4011	PA-Spi	10	8	2.5	G $\frac{1}{4}$ " d	90	80	15	165	234.0
4013	PA-Spi	10	8	5.0	G $\frac{1}{4}$ " d	90	80	30	330	379.0
40141	PA-Spi	10	8	7.5	G $\frac{1}{4}$ " d	90	80	45	495	525.0
40143	PA-Spi	10	8	10.0	G $\frac{1}{4}$ " d	90	80	60	660	670.0
4016	PA-Spi	12	9	2.5	G $\frac{3}{8}$ " d	90	80	15	190	393.0
4018	PA-Spi	12	9	5.0	G $\frac{3}{8}$ " d	90	80	30	380	648.0
40191	PA-Spi	12	9	7.5	G $\frac{3}{8}$ " d	90	80	45	570	903.0
40194	PA-Spi	12	9	10.0	G $\frac{3}{8}$ " d	90	80	60	760	1158.0
4021	PA-Spi	15	12	2.5	G $\frac{1}{2}$ " s	150	80	10	160	524.0
4023	PA-Spi	15	12	5.0	G $\frac{1}{2}$ " s	150	80	20	320	851.0
40241	PA-Spi	15	12	7.5	G $\frac{1}{2}$ " s	150	80	30	480	1179.0
40247	PA-Spi	15	12	10.0	G $\frac{1}{2}$ " s	150	80	40	640	1506.0



Polyamide PA 12-PHL radial spirals



PA compressed air spirals are ideally suitable for the air feed to air consumers and offer the following advantages:

- No disruptive effect
- No risk of tripping at the workplace
- More clearly arranged workplace
- Space-saving
- Lighter and more mobile than conventional compressed air hoses
- Oil resistant
- Good resilience
- No pressure losses
- Long service life
- Ideal air feed in combination with balances for compressed air driven manual tools

Default colour

Blue

Nominal dimensions

AD = outer diameter in mm
 ID = inner diameter in mm
 (Production dimension)
 AL = working length in m
 AG = without/with connection threads
 KD = core diameter in mm
 L1 = radial mm
 WD = x-time windings
 BL = block length in mm
 AG = connection thread s = fixed
 AG = connection thread d = rotatable

Standard types

with radial outputs

Screw joints

Fixed and rotatable design with an anti-kink spring, see page C2 - C7



Ebora

Polyamide PA 12-PHLradial spirals ●

Product No.	Type	Nominal dimensions		AL m	AG	KD mm	L1	WD X-times	BL mm	Weight g/piece
		AD mm	ID mm							
40014	PA-Spi	4.3	3	5	without	30	radial	93	399	75.0
40015	PA-Spi	4.3	3	7.5	without	30	radial	139	599	113.0
40016	PA-Spi	4.3	3	10	without	30	radial	186	798	151.0
40004	PA-Spi	4.3	3	15	without	30	radial	257	1140	226.0
40005	PA-Spi	4.3	3	20	without	30	radial	328	1455	301.0
40017	PA-Spi	6	4	5	without	60	radial	48	289	159.0
40018	PA-Spi	6	4	10	without	60	radial	96	579	317.0
4005	PA-Spi	6	4	15	without	60	radial	132	790	476.0
40051	PA-Spi	6	4	20	without	60	radial	176	1050	635.0
40019	PA-Spi	8	6	5	without	80	radial	36	289	222.0
40027	PA-Spi	8	6	10	without	80	radial	72	579	444.0
4010	PA-Spi	8	6	15	without	80	radial	102	825	666.0
40101	PA-Spi	8	6	20	without	80	radial	136	1120	888.0
40028	PA-Spi	10	8	5	without	90	radial	32	318	286.0
4015	PA-Spi	10	8	15	without	90	radial	90	980	857.0
40151	PA-Spi	10	8	20	without	90	radial	120	1300	1142.0
40206	PA-Spi	12	9	15	without	90	radial	90	1150	1499.0
40201	PA-Spi	12	9	17.5	without	90	radial	105	1350	1749.0
4025	PA-Spi	15	12	15	without	150	radial	55	880	1928.0



Polyamide PA-12-PHL radial spirals with screw joint ●

Product No.	Type	Nominal dimensions		AL m	AG	KD mm	L1	WD X-times	BL mm	Weight g/piece
		AD mm	ID mm							
40078	PA-Spi	6	4	5	G½" d	60	radial	48	289	221.0
40079	PA-Spi	6	4	10	G½" d	60	radial	96	579	379.0
40045	PA-Spi	6	4	15	G½" d	60	radial	132	790	538.0
40046	PA-Spi	6	4	20	G½" d	60	radial	176	1050	697.0
40118	PA-Spi	8	6	5	G¼" d	80	radial	36	289	308.0
40119	PA-Spi	8	6	10	G¼" d	80	radial	72	579	530.0
40105	PA-Spi	8	6	15	G¼" d	80	radial	102	825	752.0
40106	PA-Spi	8	6	20	G¼" d	80	radial	136	1120	974.0
40123	PA-Spi	10	8	5	G¼" d	90	radial	32	318	374.0
40156	PA-Spi	10	8	15	G¼" d	90	radial	90	980	945.0
40157	PA-Spi	10	8	20	G¼" d	90	radial	120	1300	1230.0
40208	PA-Spi	12	9	15	G¾" d	90	radial	90	1150	1637.0
40202	PA-Spi	12	9	17.5	G¾" d	90	radial	105	1350	1887.0
40251	PA-Spi	15	12	15	G½" s	150	radial	55	880	2124.0