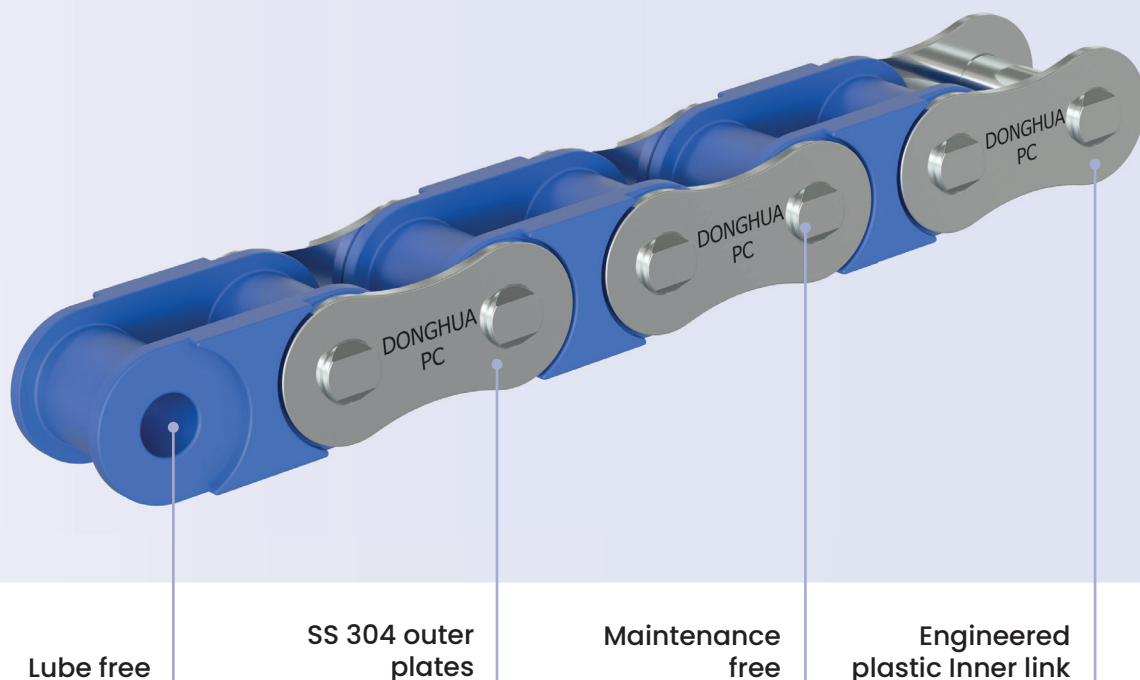


Poly-Steel chain

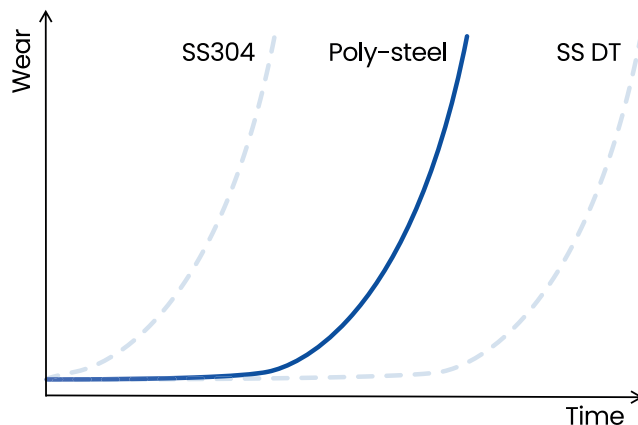
Lightweight and foodgrade approved



Poly-Steel Chain

Designed for industries where cleanliness and efficiency are essential, the Donghua PC Chain offers a perfect balance of strength, hygiene, and zero maintenance. Its high-grade stainless steel (SS304) outer links provide exceptional durability and corrosion resistance, while the injection-molded plastic inner links ensure optimal cleanliness.

Lightweight and maintenance-free, it is ideal for food processing, pharmaceutical production, and other clean, lightweight industries. Built to perform in wet conditions, it delivers reliable operation without the need for lubrication or frequent upkeep.

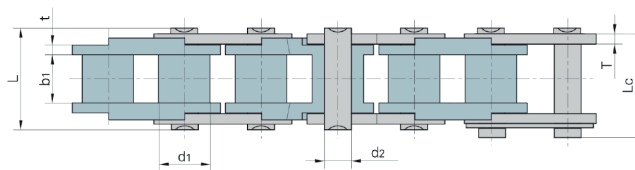
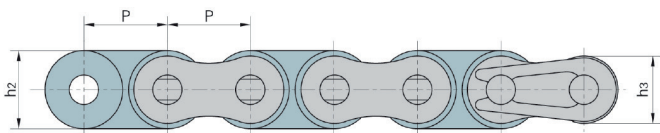


Technical highlights

- 50% lighter weight
- Temp range from -20°C to 80°C
- Less noise, 5 dB quieter
- Max speed of 1 m/s
- PH rang is 4 PH – 9 PH
- Maintenance free
- Lube free
- Available in the Colors blue and white

Industries

- Food processing
- Packaging
- Pharmaceutical
- Healthcare
- Light electronics
- Small conveyors
- Can operate in wet conditions



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates		Pin diameter	Pin length		Plate dept		Donghua standard	Plate thickness
	P	d1 max	b1	min	d2 max	L max	Lc max	h2 max	h3 max	F Nom.	t/T
	mm	mm	mm		mm	mm	mm	mm	mm	kN	mm
BS-Simplex											
06B-1 PC	9,525	5,08	4,68		5,58	12,40	13,20	9,00	7,80	1,30	1,10
08B-1 PC	12,700	8,51	7,75		4,45	16,70	18,20	11,80	10,60	2,50	1,60
10B-1 PC	15,875	10,16	9,65		5,08	19,50	20,90	14,70	13,70	2,80	1,70
12B-1 PC	19,050	12,07	11,68		5,72	22,50	24,20	16,00	15,00	4,20	1,85
16B-1 PC	25,400	15,88	17,02		8,28	36,10	37,40	21,00	21,00	7,50	4,15/3,10
ANSI-Simplex											
35-1 PC	9,525	5,08	4,68		3,58	12,40	13,20	9,00	7,80	1,10	1,30
40-1 PC	12,700	7,92	7,85		3,96	16,60	17,80	12,00	10,40	2,50	1,50
50-1 PC	15,875	10,16	9,40		5,08	20,70	22,20	15,10	13,00	3,50	2,03
60-1 PC	19,050	11,91	12,57		5,94	25,90	27,70	18,00	15,60	4,50	2,42

Notes

- Duplex & Triplex chains are available on request
- Attachments and extended pins available on request

Contact

+31(0)72 820 0120

info@donghua.eu

www.donghua.eu

