

1/2" PITCH ACETAL PLASTIC CHAIN

Wright Pugson chain is the leader in this market

- Ideal for conveyors and light machinery drives
- Over 500 kilometres supplied for uses as diverse as bakery conveyors and educational machines
- Good choice of types includes:
 - Standard White and Black acetal
 - uV resistant version for use where products pass through uV treatment (eg: bakery)
 - Reinforced version for abrasive environments - wear reduction - prolongs chain life



WRIGHT PUGSON

CHAIN LTD

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Unit D2 Roman Hill Business Park, Broadmayne, Dorchester, Dorset DT2 8LY
Tel 01305 851513 Mob 07787 805711.

E-mail: caroline@wpchain.co.uk

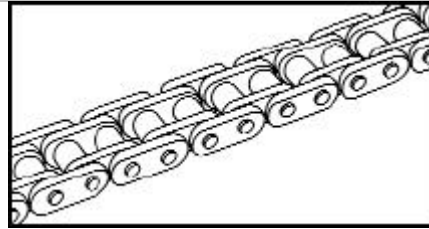
www.wpchain.co.uk

VAT No. GB 760 2457 41. Registered in England No. 3994850

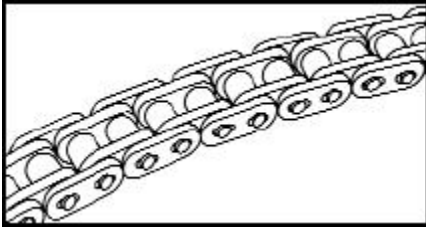
Wright Pugson plastic chain is precision moulded from acetal resin. It is moulded in two pieces, sideplate and centre link. These are pressed together and can easily be removed or rejoined using a screwdriver and pliers.

The chain is supplied in 3 metre lengths and made to British Standard 1/2" pitch dimensions.

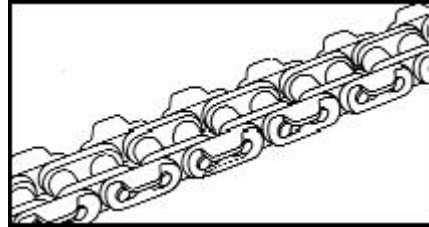
Versions available – Ex Stock



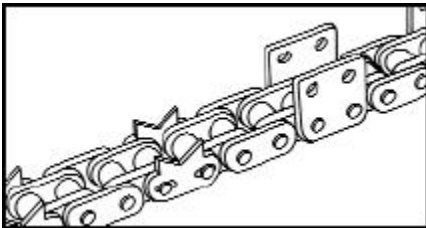
SR - Straight Running Version, available as:
 SRB - Straight Running Black
 SRW - Straight Running White
 SRR - Straight Running Reinforced Yellow
 SRB/uV - Straight Running Black (uV resistant)



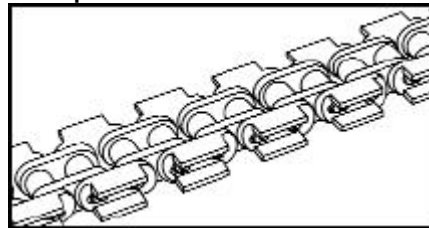
SFB - Side Flexing Black
 SFR - Side Flexing Reinforced-
 Yellow



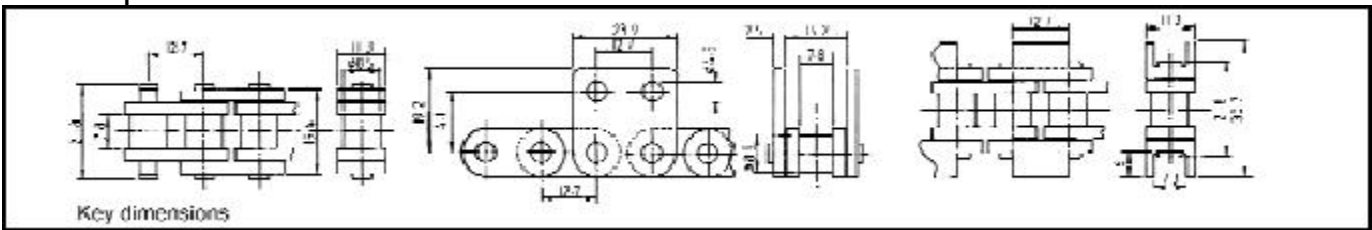
SFB/L - Side Flexing Black, 'L' shaped
 sideplate
 SFR/L - Side Flexing Reinforced, 'L' shaped
 sideplate - Yellow



M2 & Sawtooth sideplate- These can be supplied fitted to chain to given specification (eg: ST one side every 8th link) or for you to fit to your own requirements.



SFB/C Side Flexing Black Channel
 SFR/C Side Flexing Reinforced Channel-
 Yellow



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1/2" PITCH ACETAL PLASTIC CHAIN and ATTACHMENTS

CHAIN	STOCK COLOUR OPTIONS	PRICE-£ PER METRE		
		3-57	60-297	300+
Straight Running	SRB (Black) SRW (White)	9.46	8.14	7.37
Side Flexing	SFB(Black)	9.46	8.14	7.37
Side Flexing Channel	SFB/C(Black)	10.78	9.30	8.53
Side Flexing with "L" sideplates	SFB/L(Black)	10.51	9.08	8.31
Straight Running Chain – uV Resistent	SRB/uV	9.90	8.42	7.65
Straight Running Reinforced	SRR	13.24	11.40	10.32
Side Flexing Reinforced - Channel	SFR/C	15.11	12.71	11.94
Side Flexing Reinforced with "L" sideplates	SFR/L	14.71	12.52	11.63
SRB Special		11.26	9.68	8.90

MINIMUM ORDER CHARGE - £30.00

ATTACHMENTS

Saw tooth sideplates
M2 Sideplates

ST/B(Black)
M2/B(Black)

£0.10 each
£0.25 each

These can be supplied separately or fitted to chain. Fitting charges are £15.00 for set-up and 12p for each sideplate.

NB

- 1/2" pitch requires one sideplate each side per inch chain length (80 per metre max when fitted to all locations both sides)
- All standard chains are supplied in packs of 3 metres (10 ft) only.
- Orders of 300 metres or over must be in multiples of 30 metres.

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ALL PRICES ARE EX. VAT – CARRIAGE CHARGED AT COST

ACETAL PLASTIC CHAIN TECHNICAL DATA

	UNIT	VALUE
Breaking Load.....	Kg	100
Maximum Continuous Temperature.....	°C	80
Maximum Intermittent Temperature.....	°C	105
Minimum Temperature	°C	-40
Water Absorption	%/ 24 hours	0.12
Coefficient of Thermal Expansion	$1 \times 10^{-5} \text{ } ^\circ\text{C}$	11.0
Hardness	Rockwell	M92
Maximum Speed	Mts/min	60
Coefficient of Friction:		
On Stainless Steel	0.15	
On Wet Stainless Steel	0.13	
On Plastic	0.14	
Pitch	mm	12.7
Roller Diameter	mm	8.5
Roller Length	mm	7.8
Width Over Pins	mm	21.8
Height of Links	mm	11.3
Minimum Flat Radius (Side Flexing Varieties) ...	mm	610
Weight:		
Straight Running.....	gm/305mm (1ft)	58
Side Flexing	gm/305mm (1ft)	67

Effect of Sunlight

Sunlight causes the material to “Chalk” slightly. This is reduced in the black versions.

Chemical Resistance

Acetal has a good resistance to organic solvents and most petroleum based hydrocarbons. It is resistant to acids and alkalis within the range pH 4-9 but has limited resistance outside those limits.

The chain is suitable for running on sprockets of standard BS form but chain life will be reduced when running on small sprockets due to the increased angle each chain link is required to turn through.

Acetal is considered safe for use in contact with foodstuffs.

ALL VALUES ARE APPROXIMATE AND SHOULD NOT BE USED ALONE AS THE BASIS FOR DESIGN

All information above is given in good faith but without warranty

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