

Plastic Chain

Materials

Pitch 1/4" 3/8" 1/2"

STD : Delrin



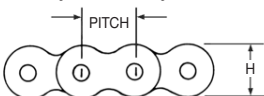
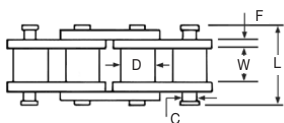
ADVANTAGES

LIGHTWEIGHT 15-20% the weight of stainless steel components.

LUBRICATION Requires no lubrication. Can be formulated to be non conductive, conductive or non magnetic. **MASTER LINKS** All links or the plastic chain are unit master links since all links snap together and all chains are adjustable to any desired length. **INTERCHANGEABLE** Completed with existing metal chain and sprockets drives. Plastic chain can be used with steel sprockets or Plastic Sprockets. **NOISE** Noise levels are greatly reduced. **CHEMICAL RESISTANCE** Excellent chemical and solvent resistance to corrosive environmental conditions.

CLEANLINESS Excellent where cleanliness of drive is important. **DESIGN CAPABILITIES** Various attachments as side link pins can be incorporated into design at minimal tooling costs

1/4, 3/8, 1/2"



Plastic chains were developed primarily for low-power transmission applications. The chains can be used with steel sprockets or plastic sprockets, and are suitable for relatively wide speed ranges. These drive components can be especially useful in harsh chemical, moisture and temperature environments. The chains incorporate additives for self-lubrication, also useable where cleanliness is important, as in food-processing machinery, computer equipment. Chains are made with links that snap together so that each link in effect becomes a master link. Various attachments can be used with plastic chains and sprockets. These attachments can be fastened to the chain or sprocket, or moulded integrally. Plastic chains are available as off-the-shelf items in 1/4 inch, 3/8 inch and 1/2 inch pitches. Non-standard sizes and shapes including chain with various types of attachments have been developed for special applications. Plastic chains and sprockets are generally about one-fifth to one-tenth as heavy as equipment metal components. They are relatively quiet and are non-conductive and non-magnetic.

APPLICATIONS

- Food handling and processing equipment
- Computer and computer peripheral equipment
- Office machines, copy machines, etc
- Point of motion, advertising displays
- Any equipment requiring transmission of motion at light loads
- Mechanical drives for instrumentation
- Plating and coating operations
- Film processing/development equipment
- Semiconductor processing
- Electrically conductive applications

Dimensions in Metric

DISCOUNTS

1 - 9	List Price
10 - 29	- 5%
30 - 49	- 10%
50 - 99	- 15%
100 - 200	- 20%

PART NUMBER	Pitch	W	D	C	F	L	H	ANSI No.	Breaking Strength N	PRICE PER 300mm
ZSUA-250	6.35	3.18	3.30	2.66	1.01	9.11	6.35	25	63	£16.27
ZSUA-375	9.52	4.76	5.08	3.58	1.90	13.84	8.80	35	136	£13.06
ZSUA-500	12.70	7.92	7.92	3.96	2.23	18.41	11.68	40	175	£15.47

Sprockets & Chains Plastic PITCH

13.30



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