

Ultrasync Plastic Pulleys



As a leading manufacturer of various ranges of process and conveyor belting and power transmission belts, *Ammeraal Beltech* developed a new generation of belts: **Ultrasync – belts for positive drive and synchronous conveying.**

The Ultrasync belting range is suitable for various industry segments, including food.

With Ultrasync belts, *Ammeraal Beltech* has combined all strong features of synthetic conveyor belts, plastic modular belts and timing belts with the added benefits of a comprehensive range of fabrications. Ultrasync belts are synchronous, driven by a standard T10 sprocket with a pitch of 10 mm.

With Ultrasync belts the following is possible:

- Exact positioning
- Conveying in two directions
- Low cost construction
- Hygienic production

Timing pulleys are required to drive Ultrasync belts. These pulleys can be manufactured from aluminum, cast iron, stainless steel and synthetic material.

Ammeraal Beltech has a standard range of synthetic HDPE pulleys, such as:

- With and without flanges
- With bore or pilot bore
- With DIN key way
- With V-tracking groove

Furthermore all kinds of custom made executions are possible.



Innovation & Service in Belting

Technical information

Plastic pulleys for Ultrasync T10

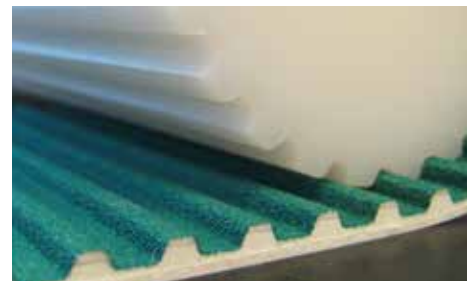
No. of teeth	Outer diameter mm	Effective diameter mm	Max. bore mm
12	36.4	38.2	24
14	42.7	44.6	30
16	49.1	50.9	36
20	61.8	63.7	50
26	80.9	82.8	68
32	100.0	101.9	88
36	112.7	114.6	98
40	125.5	127.3	110
48	151.0	152.8	124

Key ways

Shaft diameter mm	Key dimension w x h mm
6 - 8	2 x 2
8 - 10	3 x 3
10 - 12	4 x 4
12 - 17	5 x 5
17 - 22	6 x 6
22 - 30	8 x 7
30 - 38	10 x 8
38 - 44	12 x 8
44 - 50	14 x 9
50 - 58	16 x 10
58 - 65	18 x 11
65 - 75	20 x 12
75 - 85	22 x 14
85 - 95	25 x 14
95 - 110	28 x 16

Advantages of Ultrasync plastic pulleys

- 100% non-marking material
- Resistance to cleaning agents which are used in the food industry
- Foodgrade (FDA, EC)
- Standard relief groove when supplied with flanges
- Locking device with brass inserts and stainless steel bolt
- Lightweight / start-up torque
- Competitive pricing
- Quick delivery



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