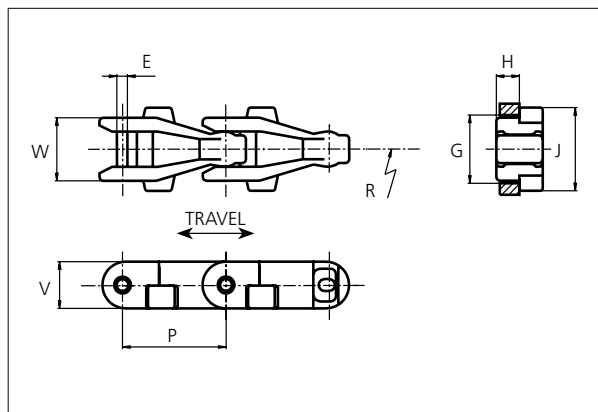




uni Flex Plastic Chain

Series **uni 2800** Type **Tab**



uni Flex Plastic Chain

Side flexing chain

Pitch: 82.5 mm (3.25 in)

Backflex radius:

75.0 mm (2.90 in)

Permissible tensile strength:

POM material:

6000 N (1349 lbf)

Standard shipping lengths:

boxes of 74 links

= 6.105 m (20.0 ft)

| E | | G | | H | | J | | P | | V | |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| 9.5 | 0.37 | 54.0 | 2.13 | 18.1 | 0.71 | 67.4 | 2.65 | 82.5 | 3.25 | 37.3 | 1.47 |

All dimensions are for chains in POM material.

| Width (W) | | Material & color | Pin material | Weight | | Min. radius (R) | |
|-----------|------|------------------|--------------|--------|-------|-----------------|-------|
| mm | in | | | kg/m | lb/ft | mm | in |
| 53.5 | 2.11 | POM-D W | SS304 | 1.7 | 1.14 | 500 | 19.69 |

Non standard material and color: See uni Material and Color Overview.

Non standard pin material: See uni Material and Color Overview.

STANDARD

UNI FLEX PLASTIC CHAIN

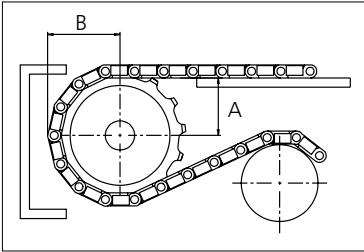
PITCH 82.5 MM/3.25 IN

Sprocket

| No of teeth | Pitch diameter | | Overall-diameter | | Min. ø bore | | Max. ø bore | | Hub-diameter | | Dimension A | | Dimension B | | <div><div></div><div>N</div></div> Machined PAG |
|-------------|----------------|-------|------------------|-------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|--|
| | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | |
| Z6 | 165.0 | 6.50 | 168.0 | 6.60 | 20.0 | 0.80 | 40.0 | 1.60 | 63.0 | 2.50 | 53.0 | 2.10 | 101.0 | 4.00 | ✓ |
| Z8 | 215.6 | 8.49 | 224.0 | 8.80 | 20.0 | 0.80 | 50.0 | 2.00 | 73.5 | 2.90 | 81.1 | 3.20 | 126.3 | 5.00 | ✓ |
| Z10 | 267.0 | 10.51 | 277.0 | 10.90 | 20.0 | 0.80 | 50.0 | 2.00 | 73.5 | 2.90 | 108.5 | 4.30 | 152.0 | 6.00 | ✓ |

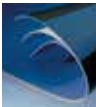
Non standard material and color:
See uni Material and Color Overview.

Machined sprocket



Please ensure that sufficient size shaft and keyway are chosen for corresponding load.

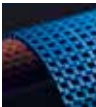
Other sprocket sizes are available upon request
Width of tooth: 15.0 mm/0.59 in
Width of sprocket: 42.3 mm/1.67 in
uni Retainer Rings: See uni Retainer Ring data sheet



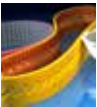
Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

Expert advice and quality solutions
for all your belting needs.
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