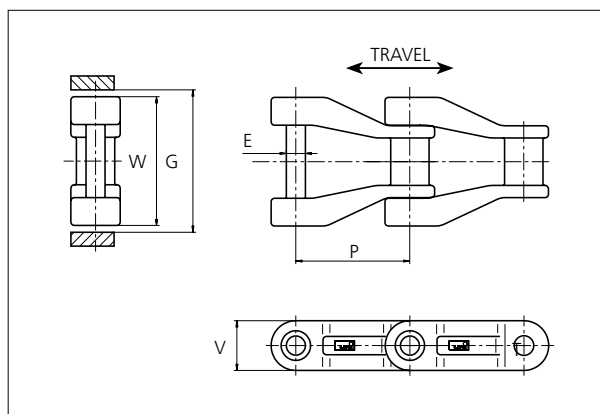


## Special Plastic Chain

Series **uni NH78** Type -



### Special Plastic Chain

Straight running chain  
Pitch: 66.3 mm (2.61 in)  
Backflex radius: 75 mm (3 in)  
Permissible tensile strength:  
T1: (POM) 9000 N\* (2023 lbf)  
T2: (POM) 7000 N (1574 lbf)  
T3: (POM) 6000 N (1349 lbf)  
T4: (POM) 6000 N (1349 lbf)  
T5: (POM) 5000 N (1124 lbf)  
\* For PA6: 7000 N (1574 lbf)

Delivery: 6.1 m (20 ft)  
No. of links/box: 92

| E    |      | G    |      | P    |      | V    |      |
|------|------|------|------|------|------|------|------|
| mm   | in   | mm   | in   | mm   | in   | mm   | in   |
| 11.0 | 0.43 | 78.0 | 3.07 | 66.3 | 2.61 | 28.6 | 1.13 |

All dimensions are for chains in POM material.

### Standard material & colors

| Width (W)   |      |      | Material & color | Pin material | Pin fixing | Pin ø |      | Weight |       |
|-------------|------|------|------------------|--------------|------------|-------|------|--------|-------|
|             | mm   | in   |                  |              |            | mm    | in   | kg/m   | lb/ft |
| uni NH78 T1 | 74.0 | 2.91 | POM-LF<br>POM-D  | SS304        | Staked     | 11.0  | 0.43 | 2.1    | 1.41  |

### Non Standard material & colors

| Width (W)   |      |      | Material & color     | Pin material | Pin fixing            | Pin ø |      | Weight |       |
|-------------|------|------|----------------------|--------------|-----------------------|-------|------|--------|-------|
|             | mm   | in   |                      |              |                       | mm    | in   | kg/m   | lb/ft |
| uni NH78 T1 | 74.0 | 2.91 | POM-PA6              | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |
| uni NH78 T2 | 74.0 | 2.91 | POM-GR<br>POM-PA66GF | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |
| uni NH78 T3 | 74.0 | 2.91 | POM-PA66GF           | SS304        | Staked (PE sleeve)    | 10.0  | 0.39 | 2.1    | 1.41  |
| uni NH78 T4 | 74.0 | 2.91 | POM-PA66GF           | SS304        | Cotterpin (PE sleeve) | 10.0  | 0.39 | 2.1    | 1.41  |
| uni NH78 T5 | 74.0 | 2.91 | POM-AR               | SS304        | Staked                | 11.0  | 0.43 | 2.1    | 1.41  |

Any questions? Please contact us.

#### Morskate Aandrijvingen BV

Oosterveldsingel 47A  
7558 PJ Hengelo (Ov)  
The Netherlands

#### NL

T +31 (0)74 - 760 11 11  
info@morskateaandrijvingen.nl  
www.morskateaandrijvingen.nl

#### DE

T +49 692 - 222 34 95  
info@morskateantriebstechnik.de  
www.morskateantriebstechnik.de

#### EN

T +31 (0)74 - 760 11 11  
info@morskatedrivetechnology.com  
www.morskatedrivetechnology.com

STANDARD

STRAIGHT RUNNING

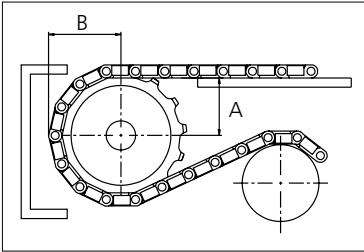
PITCH 66.3 MM/2.61 IN

Sprocket

| No of teeth | Pitch diameter |      | Overall-diameter |      | Min. ø bore |      | Max. ø bore |      | Hub-diameter |      | A-dimension |      | B-dimension |      | Molded PA66 LG | Machined PA66 N |
|-------------|----------------|------|------------------|------|-------------|------|-------------|------|--------------|------|-------------|------|-------------|------|----------------|-----------------|
|             | mm             | in   | mm               | in   | mm          | in   | mm          | in   | mm           | in   | mm          | in   | mm          | in   |                |                 |
| Z6          | 132.6          | 5.22 | 137.4            | 5.40 | 20.0        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 43.1        | 1.70 | 80.6        | 3.20 |                | x               |
| Z8          | 173.3          | 6.82 | 182.6            | 7.20 | 20.0        | 0.80 | 40.0        | 1.60 | 65.0         | 2.60 | 65.8        | 2.60 | 100.9       | 4.00 |                | x               |
| Z10         | 214.5          | 8.44 | 226.6            | 8.90 | 20.0        | 0.80 | 50.0        | 2.00 | 73.5         | 2.90 | 87.7        | 3.50 | 121.6       | 4.80 |                | x               |

Machined sprocket

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



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

Other sprocket sizes are available upon request  
Width of tooth: 15.8 mm/0.62 in  
Width of sprocket: 42.3 mm/1.67 in  
uni Retainer Rings: See uni Retainer Ring data sheet

Any questions? Please contact us.