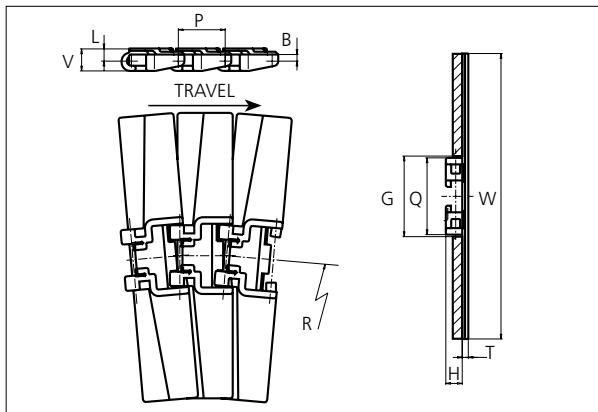


# Special Plastic Chain

Series **uni 982** Type **SC**



## Special Plastic Chain

Side flexing chain  
Pitch: 50.0 mm (1.97 in)  
Backflex radius:  
200 mm (7.9 in)  
Permissible tensile strength:  
POM material:  
1000 N (225 lbf)

Standard shipping lengths:  
boxes of 80 links  
= 4.0 m (13.1 ft)

B		G		H		L		P		Q		T		V	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
7.0	0.28	85.0	3.35	17.5	0.69	13.5	0.53	50.0	1.97	82.0	3.23	6.5	0.26	24.0	0.95

All dimensions are for chains in POM material.

Width (W)		Recommended material & color	Weight		Min. radius (R)	
mm	in		kg/m	lb/ft	mm	in
254.0	10.00	POM-SLF <b>B</b> AR <b>W</b>	1.6	1.07	610.0	24.02

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

NON STANDARD

SIDE FLEXING

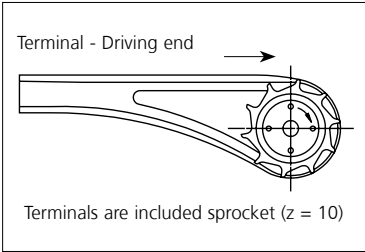
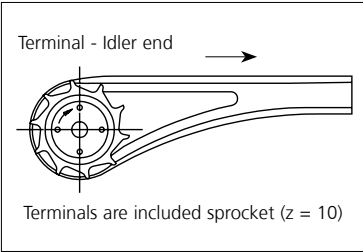
PITCH 50.0 MM/1.97 IN

Sprocket

No of teeth	Pitch diameter		Overall-diameter		Min. ø bore		Max. ø bore		Hub-diameter		Dimension A		Dimension B		<div><div></div><div>Machined</div><div>PAG</div></div>
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
Z10	161.8	6.37	-	-	19.1	0.75	40.0	1.57	64.0	2.52	-	-	-	-	✓

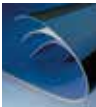
Non standard material and color:  
See uni Material and Color Overview.

Machined sprocket



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

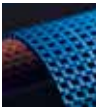
Other sprocket sizes are available upon request  
Width of tooth: 25.0 mm/1.00 in  
Width of sprocket: 42.3 mm/1.70 in  
uni Retainer Rings: See uni Retainer Ring data sheet



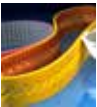
Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

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