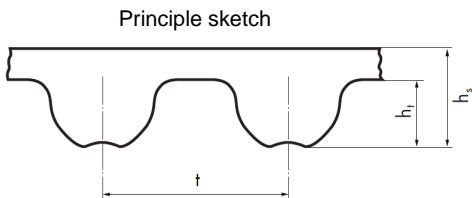


Profile 8M		
t [mm]	h <sub>s</sub> [mm]	h <sub>t</sub> [mm]
8.00	5.40 ±0.25	3.20



**Construction**

- Fabric on teeth: Polyamide
- Elastomer: HNBR compound
- Tension cord: Glass cord
- Hardness: 72 ±5 Shore A

**Characteristics**

- Antistatic to ISO 9563: no
- Pulley profile: HTD and RPP to ISO 13050
- Temperature resistance: -30°C to +140°C
- Weight per meter: 0.058 kg/m for 10 mm width

Belt width [mm]	Standard belt width [mm]	Permissible tolerance of belt width [mm] ISO 13050		
		Pitch length up to 838.2 mm	Pitch length 838.3 mm -1676.4 mm	Pitch length over 1676.4 mm
3.0 – 11.0		+0.4 / -0.8	+0.4 / -0.8	-
11.1 – 38.1	20, 30	+0.8 / -0.8	+0.8 / -1.2	+0.8 / -1.2
38.2 – 50.8	50	+0.8 / -1.2	+1.2 / -1.2	+1.2 / -1.6
50.9 – 63.5		+1.2 / -1.2	+1.2 / -1.6	+1.6 / -1.6
63.6 – 76.2		+1.2 / -1.6	+1.6 / -1.6	+1.6 / -2.0
76.3 – 101.6	85	+1.6 / -1.6	+1.6 / -2.0	+2.0 / -2.0
101.7 – 177.8		+2.4 / -2.4	+2.4 / -2.8	+2.4 / -3.2
177.9 – 469.9		-	-	+4.8 / -6.4
Sleeve widths		470 mm ±20 mm; 500 mm ±10 mm		

Pitch length [mm]	Length tolerance [mm] ISO 13050									
	≤ 250	> 250 ≤ 500	> 500 ≤ 750	> 750 ≤ 1000	> 1000 ≤ 1250	> 1250 ≤ 1500	> 1500 ≤ 1750	> 1750 ≤ 2000	> 2000 ≤ 2250	> 2250
Length tolerance on center distance	±0.20	±0.23	±0.27	±0.30	±0.33	±0.36	±0.39	±0.42	±0.45	±0.49 ±0.03*

Length measurement according to ISO 13050

\* For longer lengths an additional 0.03 mm should be added for every 250 mm increase

Marking example (Except lengths 288 mm – 480 mm):



Plant code

Length, profile, optional width

Date code

Minimum no. of teeth pulley:

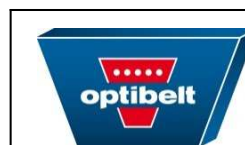
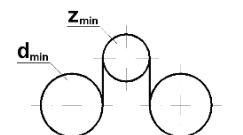
$z_{min} = 22$

Pitch diameter:

$d_w = 56.02 \text{ mm}$

Minimum diameter of backside idler:

$d_{min} = 60.00 \text{ mm}$



Techn. datasheet  
**optibelt OMEGA Code 77SH**  
 Heat and oil resistant made with HNBR  
 According to ISO13050

Wir beraten Sie gerne über die Produkteigenschaften und -anpassungen bei besonderen Anforderungen. Bitte beachten Sie auch die Hinweise in den Optibelt Dokumentationen. Irrtümer und technische Änderungen vorbehalten. [www.optibelt.com](http://www.optibelt.com), © Arntz Optibelt Gruppe  
 We would be pleased to offer advice about technical characteristics and drive design as well as special requirements. Further information can be found in Optibelt documentation. Subject to technical modification and change, errors and omissions excepted. [www.optibelt.com](http://www.optibelt.com), © Arntz Optibelt Gruppe

4			
3			
2			
1			
0	Erstellt	03.12.2018	FBe
Zust.	Änderungen	Datum	Name

**Profile 8M**