

FLEXIRACKS  
20° PRESSURE ANGLE

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**> MATERIAL:**

Flexiracks – Acetal, Blue

**> SPECIFICATIONS:**

**Flexiracks:**

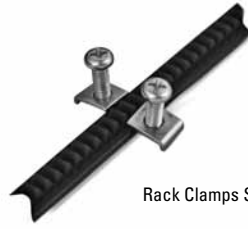
Stock Length: 2000 mm (78.7")  
Longer Length up to 50 meters  
available on special request.

**Working Temperature:** 100°C (212°F)

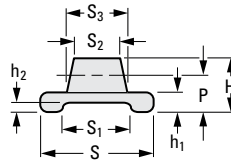
**Intermittent Use:** 149°C (300°F)

**Resistant To:**

Weak Acids & Alkalis  
Oil, Grease, Gasoline  
Alcohol, Ketones



Rack Clamps Shown are Optional.  
See Below.



Module	Minimum Bend Radius		Bending Strength
	Int. (R <sub>i</sub> )	Ext. (R <sub>e</sub> )	N
0.8	75 (3.0)	75 (3.0)	111.8
1	85 (3.3)	125 (4.9)	160.9
1.5	100 (3.9)	150 (5.9)	161.4
2	125 (4.9)	175 (6.9)	264.9

**METRIC COMPONENT**

Catalog Number	Module	S	S <sub>1</sub>	S <sub>2</sub>	S <sub>3</sub>	H	h <sub>1</sub>	h <sub>2</sub>	P
<b>Flexiracks – Acetal, Blue</b>									
A 1M12MYHF082000	0.8	8 (.31)	3.7 (.15)	3 (.12)	3.8 (.15)	3.3 (.130)	1.5 (.06)	0.7 (.03)	2.5 (.098)
A 1M12MYHF102000	1	10 (.39)	4.9 (.19)	4 (.16)	5 (.20)	4.3 (.169)	2 (.08)	0.9 (.04)	3.3 (.130)
A 1M12MYHF152000	1.5	12 (.47)	8 (.31)	5 (.20)	6.5 (.26)	5.7 (.224)	2.3 (.09)	1 (.04)	4.2 (.165)
A 1M12MYHF202000	2	15 (.59)	10.1 (.40)	6 (.24)	8 (.31)	7 (.276)	2.5 (.10)	1.1 (.04)	5 (.197)

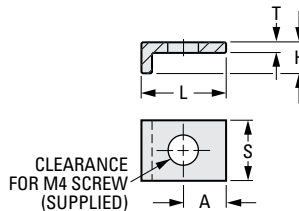
**NOTES:** 1. Dimensions in ( ) are inch.

2. To use the molded flexible rack with a 20 tooth pinion, the radius of curvature for an external or internal arc must be greater than 150 mm.

**RACK CLAMPS**

**> MATERIAL:**

Steel, Plated



The projections shown are per ISO convention.

**METRIC COMPONENT**

Catalog Number	For Rack Module	L	S	A	H	T
A 1C12MHC1	0.8 & 1	10.2 (.40)	8 (.32)	4.5 (.18)	2.7 (.11)	1.2 (.047)
A 1C12MHC2	1.5 & 2	11.4 (.45)		5.6 (.22)	3.9 (.15)	1.4 (.055)