

FLEXIRACKS
20° PRESSURE ANGLE

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

> MATERIAL:

Flexiracks – Acetal, Blue

> SPECIFICATIONS:

Flexiracks:

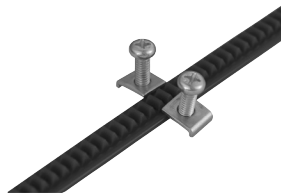
Stock Length: 2000 mm (78.7")
Longer Length up to 50 meters
available on special request.

Working Temperature: 100°C (212°F)

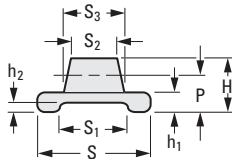
Intermittent Use: 149°C (300°F)

Resistant To:

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



Rack Clamps Shown are Optional.
See Below.



Module	Minimum Bend Radius		Bending Strength
	Int. (R _i)	Ext. (R _e)	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 ₁	S ₂	S ₃	H	h ₁	h ₂	P
Flexiracks – Acetal, Blue									
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)

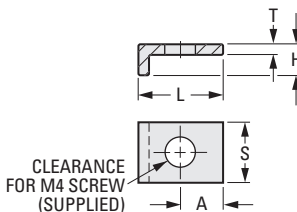
NOTES: 1. Dimensions in () are inch.

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)