MPC9/3 Data Sheet



## Description

41 x 21mm / 3mtr Slotted Steel Channel: Light Gauge

## Finish

Pre-Galvanised

## Material

1.5mm Thickness Steel

## Packaging

Packed in qty 1

## Additional Notes

Meets the mechanical strength of BS6946:1988 & compliant to BSEN10346 Features a strengthening rib down each side Each length is marked 'Metpro' for full traceability Benefits from a 5 year extended warranty when used as part of the Metpro Steel Bracketry System

### 3 METRES











# $\bigoplus$ $\bigcirc$ Values are nominal and with a general tolerance $\pm 5\%$ unless otherwise specified

0121 552 2100 | sales@metpro.co.uk | www.metpro.co.uk

## Quality Products for the Built Environment

C Metpro Ltd 2022 - This document is provided for information purposes only and is subject to change without notice. Metpro Ltd makes no warranty, express or implied, with this document or the information contained within.



## MPC9/3: Load Information

## Key:

Α	Cross Section Area	Α	1.31cm <sup>2</sup>
1	Second Moment of Area	l x-x	0.715cm <sup>4</sup>
Ζ	Section Modulus	Z x-x	0.68cm <sup>3</sup>
С	Centroid Distance	C x-x	1.002cm
r	Radius of Gyration	I y-y	3.611cm <sup>4</sup>
	0 0 0	Z у-у	1.75cm <sup>3</sup>
	0 0	Су-у	2.065cm
	0 0 0	r x-x	0.74cm
	0 0	ry-y	1.66cm



Length (mm)	Max. Uniform Dist. Load (kg)	Defl. at Uniform Dist. Load (mm)	Max. Uniform Dist. Load at Defl. of L/200 (kg)	Max. Uniform Dist. Load at Defl. of L/360 (kg)
250	386	0.52	-	-
500	193	2.1	-	127
750	129	4.73	102	57
1000	96	8.39	57	32
1250	77	13.09	37	20
1500	64	18.88	25	14
1750	55	25.72	19	10
2000	48	33.44	14	8

Click here to see our live stock levels

0121 552 2100 | sales@metpro.co.uk | www.metpro.co.uk

Quality Products for the Built Environment

© Metpro Ltd 2022 - This document is provided for information purposes only and is subject to change without notice. Metpro Ltd makes no warranty, express or implied, with this document or the information contained within