



**Product Code:**

TS21P-3LG

**Issue Date:**

29/11/21

**Issue by:**

R.M.

**Description:**

41mm x 21mm Plain Channel (3m Length)

**Features:**

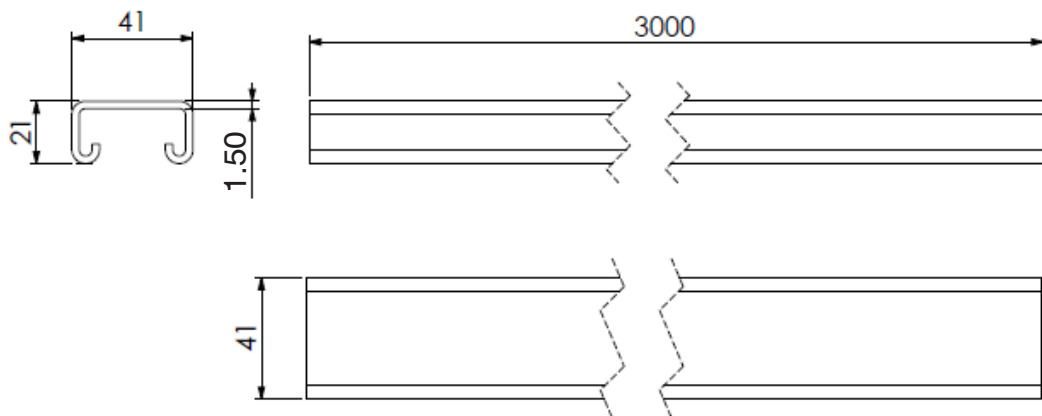
- Plain and Slotted channel available.
- Rigid construction for a wide variety of applications.
- Manufactured from structural grade continuously hot dipped zinc coated low Carbon Steel Strip to BSEN10346: 2009.
- Channel available in both structural grade 2.5mm and light duty 1.5mm gauge.
- Supplied in 3 metre lengths.
- Wide range of external brackets available for use with strut frame work.
- Tamlex strut framework can be ordered pre-cut to any length to suit customer requirements.
- Can be powder coated to customer specific RAL colour.



**Technical:**

<b>Width</b>	41 mm
<b>Height</b>	21 mm
<b>Length</b>	3 m
<b>Gauge</b>	1.5 mm
<b>Material</b>	Hot Dipped Zinc Coated Low carbon steel strip
<b>Colour/Finish</b>	Pre Galvanised Steel (Zinc Coated)
<b>Standards</b>	BS EN 10346; BS6946

**Dimensions:**





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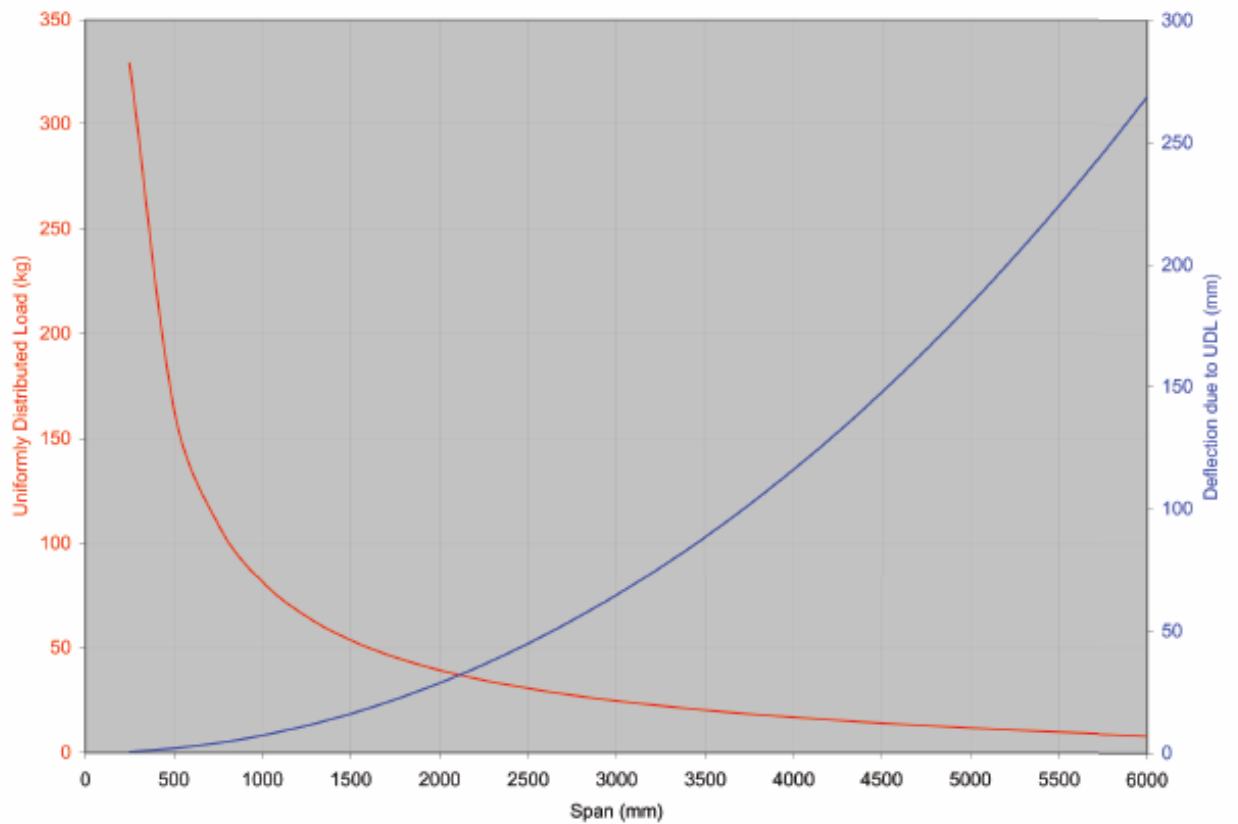
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**Plain 41x21x1.5 thk. (Mass 1.06kg/m)**

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	329.0	0.4				
500	164.1	1.8			129.1	1.4
750	109.0	4.0	102.9	3.8	56.8	2.1
1000	81.4	7.1	57.3	5.0	31.3	2.8
1250	64.7	11.1	36.0	6.3	19.4	3.5
1500	53.5	15.9	24.3	7.5	12.8	4.2
1750	45.4	21.7	17.2	8.8	8.7	4.9
2000	39.3	28.4	12.5	10.0	6.0	5.6
2250	34.5	36.0	9.1	11.3	4.0	6.3
2500	30.6	44.5	6.7	12.5	2.5	6.9
2750	27.4	54.0	4.8	13.8	1.4	7.6
3000	24.6	64.4	3.3	15.0	0.4	8.3
3250	22.3	75.8	2.1	16.3		
3500	20.3	88.1	1.0	17.5		
3750	18.5	101.5	0.2	18.8		
4000	16.9	115.8				
4250	15.4	131.2				
4500	14.1	147.6				
4750	12.9	165.0				
5000	11.8	183.5				
5250	10.8	203.1				
5500	9.8	223.9				
5750	9.0	245.7				
6000	8.1	268.8				



**Load, Span & Deflection Graph**