

### Dimensions - Masses - Tolerances

F Size in mm	Cross Sectional Area in mm <sup>2</sup> : Nominal	Permissible Deviation	Weight per meter in Kg/m - MIN	Weight per meter in Kg/m - Nominal
10	78.5	-6%	0.580	0.617
12	113.1	-6%	0.835	0.888
14	153.9	-6%	1.136	1.208
16	201.1	-6%	1.484	1.578
18	254.5	-6%	1.878	1.998
20	314.2	-6%	2.318	2.466
25	490.9	-6%	3.622	3.853
32	804.2	-6%	5.935	6.313

### Physical Characteristics

F Size in mm	MIN % Elongation per 200 mm	Bending Test Pin Dia	
8-20	9%	3.5	
22-25	8%	5.0	
28-40	7%	7.0	
<b>Yield Strength</b> Min 420 N/mm <sup>2</sup> (Mpa)		<b>Tensile Strength</b> Min 620 N/mm <sup>2</sup> (Mpa)	

### Deformation

F Size in mm	Crescent Rib				Longitudinal Rib				Spacing	
	Height in mm		Width in mm		Height in mm		Width in mm		Between Ribs in mm	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10	0.40	0.80	0.80	1.20	0.50	1.40	0.80	2.00	5.00	7.90
12	0.54	1.08	0.96	1.44	0.60	1.68	0.96	2.40	6.00	8.40
14	0.63	1.26	1.12	1.68	0.70	1.96	1.12	2.80	7.00	9.80
16	0.72	1.44	1.28	1.92	0.80	2.24	1.28	3.20	8.00	11.20
18	0.81	1.62	1.44	2.16	0.90	2.52	1.44	3.60	9.00	12.60
20	1.00	2.00	1.60	2.40	1.00	2.80	1.60	4.00	10.00	13.60
25	1.25	2.50	2.00	3.00	1.25	3.50	2.00	5.00	12.50	17.60
32	1.60	3.20	2.56	3.84	1.60	4.48	2.56	6.40	16.00	22.40