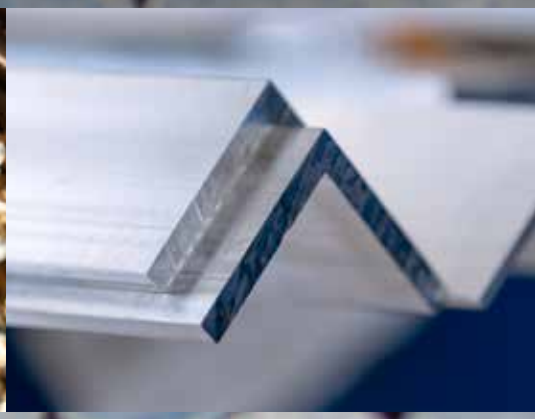
RIGHTON BLACKBURNS

METALS AND PLASTICS

Metals
Product Guide

EXPERTISE COLLABORATION INTEGRITY





www.rightonblackburns.co.uk

RIGHTON BLACKBURNS

METALS AND PLASTICS

PREMIUM QUALITY · FOR OVER 100 YEARS · PREMIUM QUALITY

Righton Blackburns is an independent metals and specialist plastics stockholder and distributor

We have been a trusted supply partner for premium quality products for over 100 years.

Today we are recognised as the leading supplier to a diverse customer base and our unrivalled commitment to customer service, extensive technical experience, state of the art warehousing facilities and logistical expertise ensures we are perfectly equipped to respond to a diverse range of customer requirements from general engineering to safety critical applications.

Our reputation is founded on both the efficiency and integrity of our business dealings, as well as our proven ability to innovate and respond to change. This strength and agility is true today.

Operating from 14 service and processing centres across the UK, we are well placed to service any requirement from one off supplies, through direct-to-line feed services, to long term contracts. We offer a reliable and efficient delivery service from locally held stocks for standard, non-standard or customer specific material.

In addition, our central facility carries over 10,000 tonnes of material in 200,000 square feet of warehouse space, helping us provide immediate stock availability and remain responsive to the constant fluctuations in demand faced by industry today.

Committed to building long term relationships with our customers we have made significant investment in fabrication and processing facilities, allowing us to supply material closer to final form, creating a real opportunity for a one-stop shop.

Your trusted supply partner

for quality metals and specialist plastics

This product guide is a comprehensive listing of aluminium, stainless steel, copper alloys and services available from your local Righton Blackburns service centre.

Our extensive product range, fabrication and distribution services constantly evolve and include many specialist and bespoke products aimed at general and specialist markets.

If you require any further information, a quotation or technical advice, please contact your local Righton Blackburns or email sales@rblimited.co.uk.

RIGHTON BLACKBURNS
METALS AND PLASTICS

Aluminium

Aluminium
Product Guide

Aluminium is the most plentiful element in the earths crust and with the high proportion of recycling; reserves of the metal are never likely to be depleted.

Some of the greatest technical developments over the past century have centred around, or been enabled by, aluminium.

Benefits in using aluminium include high strength to low weight ratio, formability, corrosion resistant, good conductivity of heat and electricity, does not burn, and is environmentally friendly as it is fully recyclable.

Round Bar

ALLOYS: 6082-T6511
2011-T3/T6
2014-T651/T6511
6026-T9
LEAD FREE

Dia (in)	Weight per metre (Kg)
3/16	0.05
6mm	0.08
1/4	0.09
5/16	0.13
3/8	0.19
10mm	0.22
7/16	0.26
12mm	0.32
1/2	0.34
9/16	0.43
5/8	0.54
16mm	0.54
11/16	0.65
18mm	0.71
3/4	0.77
20mm	0.85
13/16	0.91
7/8	1.05
1	1.37
25mm	1.39
1 1/16	1.69
1 1/8	1.74
1 3/16	2.01
30mm	1.92
1 1/4	2.15
1 5/16	2.37
1 3/8	2.60
35mm	2.61
1 7/16	2.84
1 1/2	3.09
40mm	3.40
1 5/8	3.63
42mm	3.75
1 3/4	4.21
45mm	4.31
1 7/8	4.83

Dia (in)	Weight per metre (Kg)
50mm	5.32
2	5.49
2 1/8	6.20
2 1/4	6.95
2 3/8	7.75
2 1/2	8.58
2 5/8	9.46
2 3/4	10.4
3	12.4
3 1/4	14.5
3 1/2	16.8
3 3/4	19.3
4	22.0
4 1/4	24.8
4 1/2	27.8
4 3/4	31.0
5	34.3
5 1/4	37.8
5 1/2	41.5
5 3/4	45.4
6	49.4
6 1/2	58.0
7	67.3
7 1/4	72.2
7 1/2	77.2
8	87.9
8 1/2	99.2
9	111
9 1/2	124
10	137
12	198
13	232
14	269
15	309
16	352

* Righton Blackburns stock a complete range of aluminium round bar in imperial and metric sizes ranging from 3/16-16". For your exact requirement, please contact your local service centre.

Flat Bar

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
⅜ x ⅛	0.08
⅜ x ¼	0.16
½ x 1/16	0.06
½ x ⅛	0.11
½ x 3/16	0.16
½ x ¼	0.22
½ x ⅜	0.33
⅝ x ⅛	0.14
⅝ x 3/16	0.20
⅝ x ¼	0.27
⅝ x ⅜	0.41
⅝ x ½	0.55
¾ x 1/16	0.08
¾ x ⅛	0.16
¾ x 3/16	0.25
¾ x ¼	0.33
¾ x ⅜	0.49
¾ x ½	0.66
¾ x ⅝	0.82
⅞ x ⅛	0.19
1 x 1/16	0.11
1 x ⅛	0.22
1 x 3/16	0.33
1 x ¼	0.44
1 x 5/16	0.54
1 x ⅜	0.66
1 x ½	0.87
1 x ⅝	1.09
1 x ¾	1.31
1¼ x ⅛	0.27
1¼ x 3/16	0.41
1¼ x ¼	0.55
1¼ x ⅜	0.82
1¼ x ½	1.09
1¼ x ⅝	1.37
1¼ x ¾	1.64
1¼ x 1	2.19
1½ x 1/16	0.16
1½ x ⅛	0.33
1½ x 3/16	0.49
1½ x ¼	0.66
1½ x ⅜	0.98

Size (in)	Weight per metre (Kg)
1½ x ½	1.31
1½ x ⅝	1.64
1½ x ¾	1.97
1½ x 1	2.62
1½ x 1¼	3.28
1¾ x ⅛	0.38
1¾ x ¼	0.76
1¾ x ⅜	1.15
1¾ x ½	1.53
1¾ x ¾	2.29
1¾ x 1	3.06
1¾ x 1¼	3.82
2 x ⅛	0.44
2 x 3/16	0.66
2 x ¼	0.87
2 x ⅜	1.31
2 x ½	1.75
2 x ⅝	2.19
2 x ¾	2.62
2 x 1	3.50
2 x 1¼	4.37
2 x 1½	5.25
2½ x ⅛	0.55
2½ x 3/16	0.82
2½ x ¼	1.09
2½ x ⅜	1.64
2½ x ½	2.19
2½ x ¾	3.28
2½ x 1	4.37
2½ x 1½	6.56
2½ x 2	8.74
3 x ⅛	0.66
3 x 3/16	0.98
3 x ¼	1.31
3 x ⅜	1.97
3 x ½	2.62
3 x ⅝	3.28
3 x 1	5.25
3 x 2	10.50
3½ x ¼	1.52
3½ x ½	3.04

continued on next page...

Flat Bar (continued...)

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
4 x ⅛	0.87
4 x 3⁄16	1.30
4 x ¼	1.75
4 x ⅜	2.62
4 x ½	3.50
4 x ⅝	4.37
4 x ¾	5.25
4 x 1	6.99
4 x 1¼	8.74

Size (in)	Weight per metre (Kg)
4 x 2	14.00
5 x ¼	2.19
5 x ½	4.37
6 x ⅛	1.31
6 x ¼	2.62
6 x ⅜	3.93
6 x ½	5.25
6 x 1	10.50

Square Bar

ALLOY: 6082-T6

Size (in)	Weight per metre (Kg)
¼	0.11
5⁄16	0.17
⅜	0.25
½	0.44
⅝	0.68
¾	0.98
⅞	1.34
1	1.75

Size (in)	Weight per metre (Kg)
1¼	2.73
1½	3.93
1¾	5.35
2	6.99
2½	10.90
3	15.70
3½	21.40
4	28.00

Box Section

SQUARE

ALLOYS: 6063-T6, 6082-T6

Size (in)	Weight per metre (Kg)
½ x ½ x 16 swg	0.20
¾ x ¾ x 16 swg	0.31
¾ x ¾ x 10 swg	0.56
1 x 1 x 16 swg	0.42
1 x 1 x 10 swg	0.78
1¼ x 1¼ x 16 swg	0.53
1¼ x 1¼ x 10 swg	1.00
1½ x 1½ x 16 swg	0.64
1½ x 1½ x 10 swg	1.23

Size (in)	Weight per metre (Kg)
1¾ x 1¼ x 10 swg	1.45
2 x 2 x 16 swg	0.87
2 x 2 x 10 swg	1.68
2 x 2 x ¼ swg	3.06
2½ x 2½ x 10 swg	2.12
3 x 3 x 10 swg	2.57
4 x 4 x 10 swg	3.47
4 x 4 x ¼ swg	6.56

Box Section

RECTANGULAR

ALLOYS: 6063-T6, 6082-T6

Size (in)	Weight per metre (Kg)
1 x ½ x 16 swg	0.31
1½ x ¾ x 16 swg	0.48
1½ x 1 x 16 swg	0.52
1½ x 1 x 10 swg	1.00
2 x 1 x 10 swg	1.22
2 x 1½ x 10 swg	1.34
3 x 1 x 10 swg	1.67
3 x 1½ x 10 swg	1.90

Size (in)	Weight per metre (Kg)
3 x 1¾ x 10 swg	2.01
3 x 2 x 10 swg	2.11
4 x 1 x 10 swg	2.12
4 x 1¾ x 10 swg	2.45
4 x 2 x 10 swg	2.56
6 x 2 x 10 swg	3.40
6 x 3 x ⅜ swg	10.80

Metric Box Section

ALLOY: 6065

Size (mm)	Weight per metre (Kg)
50 x 50 x 3.0	1.53

Tube

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
⅜ O/D x 16 swg	0.11
½ O/D x 18 swg	0.12
½ O/D x 16 swg	0.15
½ O/D x 10 swg	0.26
⅝ O/D x 18 swg	0.15
⅝ O/D x 16 swg	0.20
⅝ O/D x 10 swg	0.35
¾ O/D x 18 swg	0.19
¾ O/D x 16 swg	0.24
¾ O/D x 10 swg	0.44
⅞ O/D x 18 swg	0.22
⅞ O/D x 16 swg	0.29
⅞ O/D x 10 swg	0.53
1 O/D x 18 swg	0.25
1 O/D x 16 swg	0.33
1 O/D x 10 swg	0.61
1 O/D x 3/16	0.83
1⅛ O/D x 18 swg	0.28
1⅛ O/D x 16 swg	0.37
1⅛ O/D x 10 swg	0.70
1¼ O/D x 18 swg	0.32
1¼ O/D x 16 swg	0.42
1¼ O/D x 12 swg	0.65
1¼ O/D x 10 swg	0.79
1¼ O/D x 3/16	1.08
1⅜ O/D x 16 swg	0.46
1⅜ O/D x 10 swg	0.88
1½ O/D x 18 swg	0.38
1½ O/D x 16 swg	0.50
1½ O/D x 10 swg	0.96
1½ O/D x 3/16	1.35
1½ O/D x ¼	1.71
1⅝ O/D x 16 swg	0.55
1⅝ O/D x 10 swg	1.05
1⅝ O/D x 3/16	1.48

Size (in)	Weight per metre (Kg)
1¾ O/D x 16 swg	0.59
1¾ O/D x 10 swg	1.14
1⅞ O/D x 10 swg	1.23
2 O/D x 16 swg	0.68
2 O/D x 14 swg	0.84
2 O/D x 10 swg	1.32
2 O/D x 3/16	1.86
2 O/D x ¼	2.39
2¼ O/D x 16 swg	0.77
2¼ O/D x 10 swg	1.49
2½ O/D x 16 swg	0.86
2½ O/D x 10 swg	1.67
2½ O/D x 3/16	2.38
2½ O/D x ¼	3.08
2½ O/D x ⅜	4.36
2¾ O/D x 10 swg	1.84
3 O/D x 16 swg	1.03
3 O/D x 12 swg	1.65
3 O/D x 10 swg	2.02
3 O/D x 3/16	2.90
3 O/D x ¼	3.76
3½ O/D x 16 swg	1.21
3½ O/D x 10 swg	2.37
3½ O/D x ¼	4.46
4 O/D x 16 swg	1.38
4 O/D x 12 swg	2.23
4 O/D x 10 swg	2.72
4 O/D x ¼	5.15
4½ O/D x 10 swg	3.07
4½ O/D x ¼	5.83
5 O/D x 10 swg	3.43
5 O/D x ¼	6.52
5½ O/D x ¼	7.21
6 O/D x 10 swg	4.13
6 O/D x ¼	7.90
6½ O/D x ¼	8.58

Scaffold Tube

20FT LENGTH

Size (in)	Weight per metre (Kg)
1 29/32 O/D x 7 swg	1.53

Channel

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
⅜ x ⅜ x 1/16	0.11
½ x ½ x 1/16	0.06
½ x ½ x ⅛	0.27
⅝ x ⅝ x 1/16	0.19
⅝ x ⅝ x ⅛	0.36
¾ x ½ x ⅛	0.44
¾ x ¾ x 1/16	0.24
¾ x ¾ x ⅛	0.49
⅞ x ⅞ x ⅛	0.52
1 x ½ x ⅛	0.38
1 x ¾ x ⅛	0.49
1 x 1 x 1/16	0.31
1 x 1 x ⅛	0.60
1 x 1 x 3/16	0.86
1⅛ x ¾ x ⅛	0.52
1⅛ x 1 x ⅛	0.63
1⅛ x 1⅛ x ⅛	0.68
1¼ x ½ x ⅛	0.44
1¼ x ¾ x ⅛	0.55
1¼ x 1 x ⅛	0.66
1¼ x 1¼ x 1/16	0.39
1¼ x 1¼ x ⅛	0.76
1¼ x 1¼ x 3/16	1.10
1½ x ½ x ⅛	0.49
1½ x ¾ x ⅛	0.60
1½ x 1 x ⅛	0.71
1½ x 1½ x ⅛	0.93
1½ x 1½ x ¼	1.74
1¾ x 1 x ⅛	0.76
1¾ x 1¾ x ⅛	1.09

Size (in)	Weight per metre (Kg)
2 x ½ x ⅛	0.60
2 x ¾ x ⅛	0.71
2 x 1 x ⅛	0.82
2 x 1 x 3/16	1.22
2 x 1 x ¼	1.52
2 x 1½ x ⅛	1.03
2 x 1½ x ¼	1.97
2 x 2 x ⅛	1.26
2 x 2 x 3/16	1.83
2 x 2 x ¼	2.40
2¼ x 1¼ x 3/16	1.43
2½ x 1 x ⅛	0.93
2½ x 1¼ x 3/16	1.52
3 x 1 x ⅛	1.04
3 x 1½ x ⅛	1.26
3 x 1½ x 3/16	1.84
3 x 1½ x ¼ x 5/16	2.66
3 x 2 x ⅛	1.48
3 x 2 x 3/16	2.17
3 x 2 x ¼	2.84
3½ x 1½ x ¼ x 5/16	2.90
4 x 2 x ⅛	1.69
4 x 2 x 3/16	2.50
4 x 2 x ¼ x 5/16	3.66
5 x 2 x ¼ x 5/16	4.24
6 x 2 x ¼ x 5/16	4.53
6 x 3 x ¼ x ⅜	6.21
6 x 3 x ⅜ x ½	8.49
8 x 3 x ⅜ x ½	9.80
10 x 3 x ⅜ x ½	11.33

Dimensions in the order: base x leg x base thickness x leg thickness

Tee Section

ALLOYS: 6082-T6
6063A-T6

Size (in)	Weight per metre (Kg)
½ x ½ x 1/16	0.10
¾ x ¾ x 0.08	0.20
¾ x ¾ x ⅛	0.30
1 x 1 x 1/16	0.21
1 x 1 x ⅛	0.41
1¼ x 1¼ x ⅛	0.52
1½ x 1½ x ⅛	0.63
1½ x 1½ x 3/16	0.92

Size (in)	Weight per metre (Kg)
1½ x 1½ x ¼	1.20
2 x 1 x ⅛	0.63
2 x 2 x ⅛	0.85
2 x 2 x 3/16	1.25
2 x 2 x ¼	1.64
3 x 3 x ¼	2.51
3 x 3 x ⅜	3.69

Dimensions: cross piece x height x thickness

Equal Angle

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
⅜ x ⅜ x 1/16	0.08
½ x ½ x 1/16	0.10
½ x ½ x ⅛	0.19
⅝ x ⅝ x 1/16	0.13
⅝ x ⅝ x ⅛	0.25
¾ x ¾ x 1/16	0.16
¾ x ¾ x ⅛	0.30
⅞ x ⅞ x ⅛	0.36
1 x 1 x 1/16	0.21
1 x 1 x ⅛	0.41
1 x 1 x 3/16	0.59
1 x 1 x ¼	0.76
1⅛ x 1⅛ x ⅛	0.46
1¼ x 1¼ x 1/16	0.27
1¼ x 1¼ x ⅛	0.52
1¼ x 1¼ x 3/16	0.76
1¼ x 1¼ x ¼	0.98
1½ x 1½ x 1/16	0.32
1½ x 1½ x ⅛	0.63
1½ x 1½ x 3/16	0.92

Size (in)	Weight per metre (Kg)
1½ x 1½ x ¼	1.20
1¾ x 1¾ x ⅛	0.74
1¾ x 1¾ x 3/16	1.09
1¾ x 1¾ x ¼	1.42
2 x 2 x 1/16	0.43
2 x 2 x ⅛	0.85
2 x 2 x 3/16	1.25
2 x 2 x ¼	1.64
2 x 2 x ⅜	2.38
2½ x 2½ x ⅛	1.06
2½ x 2½ x 3/16	1.58
2½ x 2½ x ¼	2.08
2½ x 2½ x ⅜	3.03
3 x 3 x ⅛	1.28
3 x 3 x 3/16	1.91
3 x 3 x ¼	2.51
3 x 3 x ⅜	3.69
4 x 4 x ¼	3.39
4 x 4 x ⅜	5.00
6 x 6 x ½	10.00

Metric Angle

ALLOY: 6063

Size (mm)	Weight per metre (Kg)
25 x 25 x 3	0.39
50 x 50 x 3	0.79
50 x 25 x 3	0.59

Unequal Angle

ALLOYS: 6082-T6
6063-T6, 6063A-T6

Size (in)	Weight per metre (Kg)
¾ x ¼ x 1/16	0.10
¾ x ⅜ x 1/16	0.12
¾ x ½ x 1/16	0.13
¾ x ½ x ⅛	0.25
1 x ½ x 1/16	0.15
1 x ½ x ⅛	0.30
1 x ⅝ x ⅛	0.33
1 x ¾ x 1/16	0.18
1 x ¾ x ⅛	0.36
1¼ x ½ x ⅛	0.36
1¼ x ¾ x ⅛	0.41
1¼ x 1 x ⅛	0.47
1½ x ½ x ⅛	0.41
1½ x ¾ x ⅛	0.46
1½ x 1 x 1/16	0.27
1½ x 1 x ⅛	0.52
1¾ x ¾ x ⅛	0.52
1¾ x ⅞ x ⅛	0.55
1¾ x 1 x ⅛	0.57
2 x ½ x ⅛	0.52
2 x ¾ x ⅛	0.57
2 x 1 x ⅛	0.63
2 x 1 x 3/16	0.92

Size (in)	Weight per metre (Kg)
2 x 1 x ¼	1.20
2 x 1½ x ⅛	0.74
2 x 1½ x 3/16	1.09
2 x 1½ x ¼	1.42
2½ x 1 x ⅛	0.73
2½ x 1½ x ⅛	0.85
2½ x 1½ x 3/16	1.25
2½ x 1½ x ¼	1.64
2½ x 2 x ¼	1.86
3 x 1 x ⅛	0.85
3 x 1 x ¼	1.64
3 x 1½ x ⅛	0.96
3 x 1½ x 3/16	1.40
3 x 1½ x ¼	1.86
3 x 2 x ⅛	1.07
3 x 2 x 3/16	1.58
3 x 2 x ¼	2.08
4 x 1 x ⅛	1.06
4 x 2 x ⅛	1.29
4 x 2 x ¼	2.51
4 x 3 x ¼	2.95
5 x 2 x ¼	2.92
6 x 3 x ⅜	5.63

Z Section

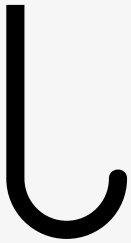
ALLOY: 6063-T6

Ref.	Size (in)	Weight per metre (Kg)
No.921	1⅛ x ¾ x ⅛	0.52
No.940	1¾ x 1 x ⅛	0.82
No.941	1¼ x 1 x ⅛	0.67
No.942	1 x ¾ x 3/32	0.39
No.943	¾ x ½ x 1/16	0.18

Dimensions: height x legs x thickness

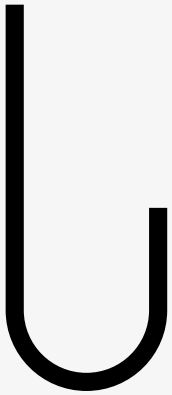
Mouldings

GUTTER SECTIONS

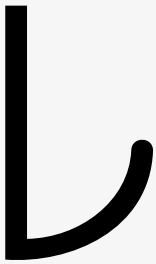


8
0.131 kg/m

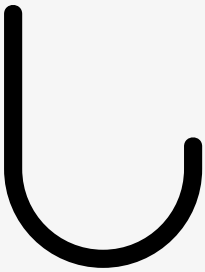
225
0.129 kg/m



455
0.275 kg/m



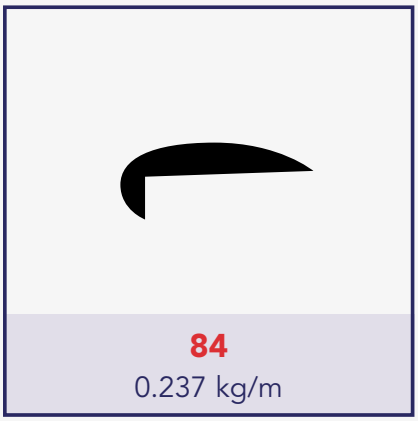
466
0.259 kg/m



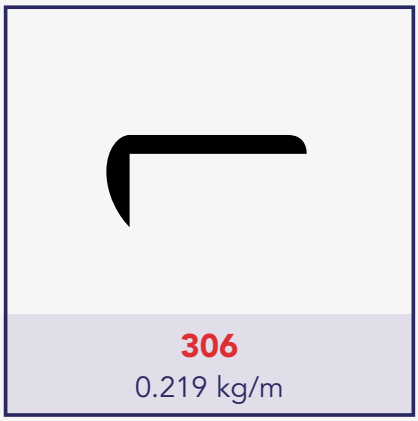
582
0.205 kg/m

Mouldings

COPE

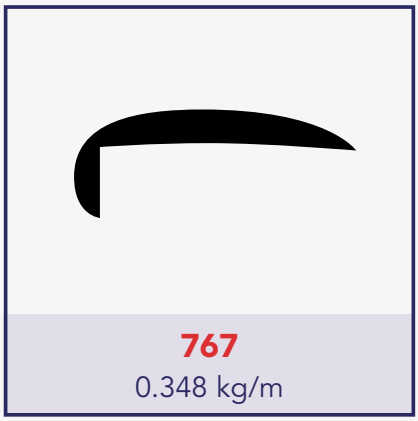


84
0.237 kg/m

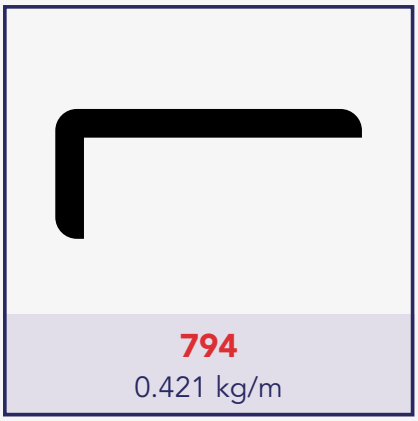


306
0.219 kg/m

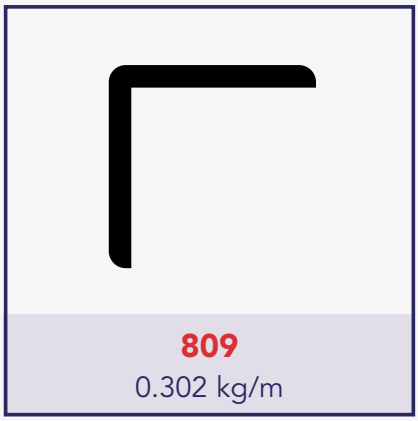
760
0.228 kg/m



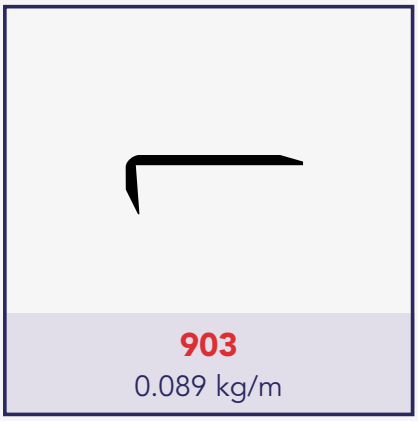
767
0.348 kg/m



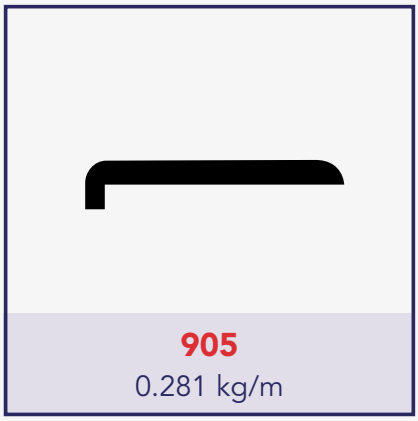
794
0.421 kg/m



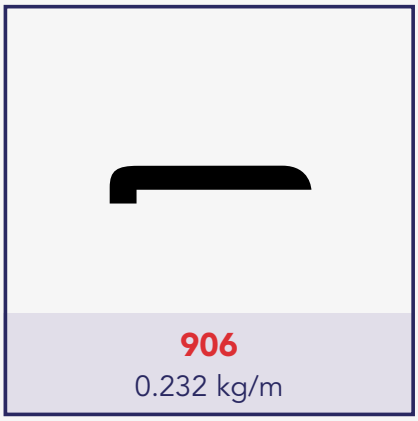
809
0.302 kg/m



903
0.089 kg/m



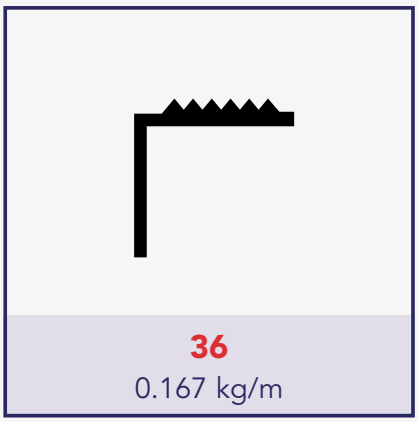
905
0.281 kg/m



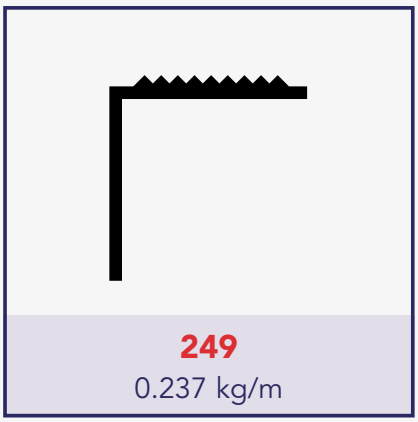
906
0.232 kg/m

Mouldings

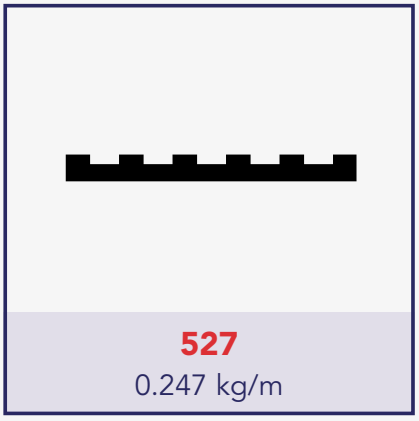
FLUTED EDGINGS & NOSINGS



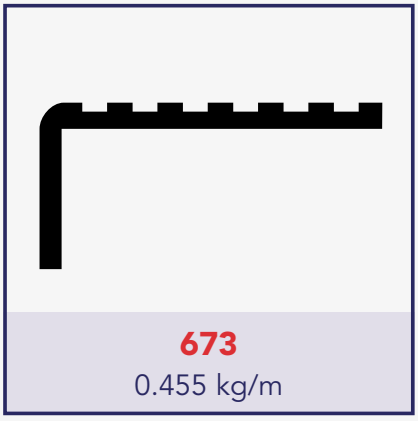
36
0.167 kg/m



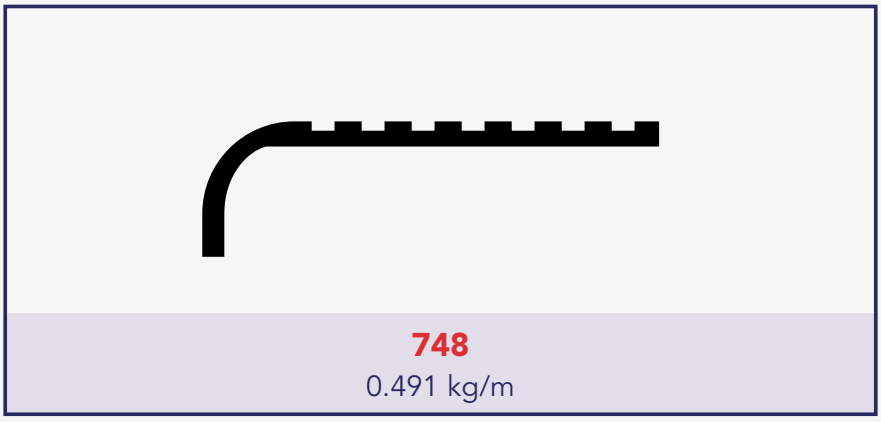
249
0.237 kg/m



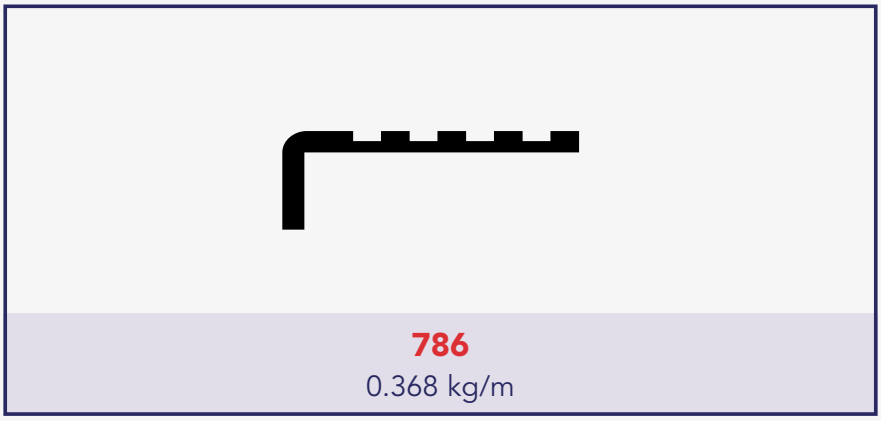
527
0.247 kg/m



673
0.455 kg/m



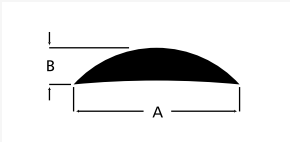
748
0.491 kg/m



786
0.368 kg/m

Mouldings

HALF ROUND SECTIONS

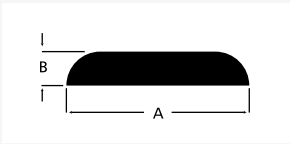


Half Round

Size (in)	Weight per metre (Kg)
⅝ x 3⁄16	0.128
¾ x 3⁄16	0.146
1 x 3⁄16	0.153

Size (in)	Weight per metre (Kg)
1¼ x 3⁄16	0.210
1½ x 3⁄16	0.250
2 x ¼	0.445

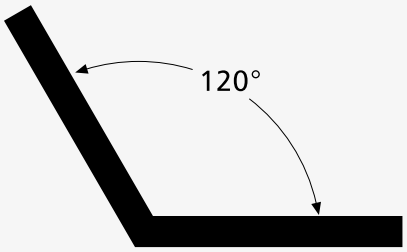
DOUBLE FEATHERED SECTIONS



Double Feather Edge

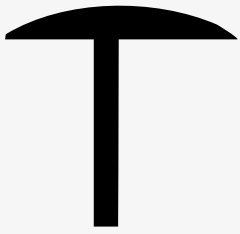
Size (in)	Weight per metre (Kg)
1 x ⅛	0.207
1¼ x ⅛	0.262
1½ x ⅛	0.318

CORNER SECTIONS

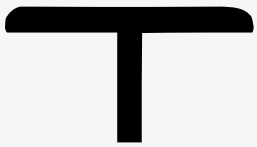


900
0.418 kg/m

LAP PLATE SECTIONS



730
0.207 kg/m



932
0.217 kg/m

Wallboard Sections

FOR 1/8" BOARD

1/8" Continual Run

1/8" End Stop

FOR 3/16" BOARD

3/16" Continual Run

3/16" End Stop

FOR 1/4" BOARD

1/4" Continual Run

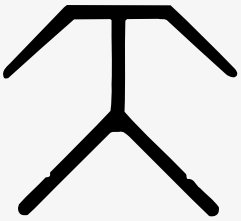
1/4" End Stop

Wallboard Sections

FOR 1/2" BOARD

½" Continual Run

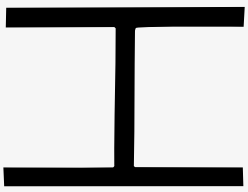
½" End Stop



½" External Corner

½" Internal Corner

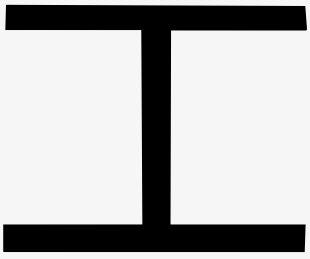
FOR 3/4" BOARD



1142
¾" Continual Run

953
¾" End Stop

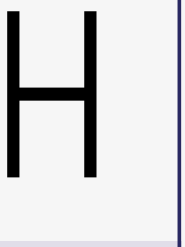
FOR 1" BOARD



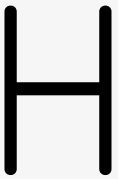
1143
1" Continual Run

1144
1" End Stop

Miscellaneous Sections



733
0.190 kg/m

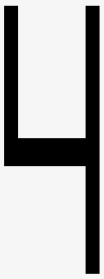


734
0.210 kg/m

857
0.167 kg/m

806
0.381 kg/m

807
0.506 kg/m

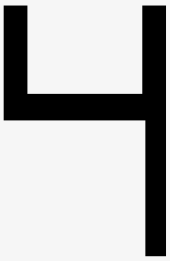


855
0.271 kg/m

924
0.179 kg/m

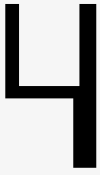
926
0.394 kg/m

927
0.506 kg/m

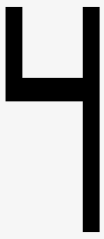


928
0.430 kg/m

929
0.368 kg/m

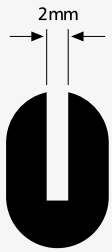


952
0.176 kg/m



972
0.271 kg/m

Miscellaneous Sections



936
0.298 kg/m

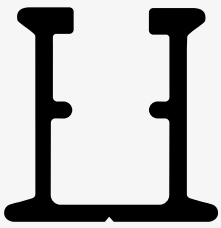
GM204

Hanging Z Section
0.137 kg/m

Caravan Awning

Sign Channel

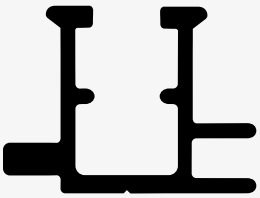
MEDIUM CHANNEL



Medium Channel

Length (mm)	Colour
5000	Mill Finish
6000	Mill Finish
6100	Mill Finish
5000	Grey
6000	Grey
5000	White
5000	Black

INTERLOCKING



Interlocking

Length (mm)	Colour
5000	Mill Finish
5000	White
5000	Grey
5000	Black

Sheet

ALLOY: 1050A-H14

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.5	2.71
2500 x 1250 x 0.5	4.23
2000 x 1000 x 0.6	3.25
2500 x 1250 x 0.6	5.08
2000 x 1000 x 0.7	3.80
2500 x 1250 x 0.7	5.94
2000 x 1000 x 0.8	4.34
2500 x 1250 x 0.8	6.78
2000 x 1000 x 1.0	5.42
2500 x 1250 x 1.0	8.47
3000 x 1250 x 1.0	10.20
2000 x 1000 x 1.2	6.50
2500 x 1250 x 1.2	10.20
3000 x 1250 x 1.2	12.20
3000 x 1500 x 1.2	14.60
2000 x 1000 x 1.5	8.13
2500 x 1250 x 1.5	12.70
3000 x 1250 x 1.5	15.20
3000 x 1500 x 1.5	18.30
2000 x 1000 x 2.0	10.80
2500 x 1250 x 2.0	16.90
3000 x 1000 x 2.0	16.30

Size (mm)	Weight per sheet (Kg)
3000 x 1250 x 2.0	20.30
3000 x 1500 x 2.0	24.40
3000 x 2000 x 2.0	32.52
4000 x 1000 x 2.0	21.73
4000 x 1250 x 2.0	27.17
4000 x 1500 x 2.0	32.60
4000 x 2000 x 2.0	43.79
2000 x 1000 x 2.5	13.60
2500 x 1250 x 2.5	21.20
3000 x 1500 x 2.5	30.50
2000 x 1000 x 3.0	16.30
2500 x 1250 x 3.0	25.40
3000 x 1000 x 3.0	24.40
3000 x 1250 x 3.0	30.50
3000 x 1500 x 3.0	36.60
3000 x 2000 x 3.0	48.78
4000 x 1000 x 3.0	32.53
4000 x 1250 x 3.0	40.66
4000 x 1500 x 3.0	48.80
4000 x 2000 x 3.0	65.00
3000 x 1500 x 4.0	48.28

Sheet

ALLOYS: 5083-H111
5083-H111/O

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 2	10.84
2000 x 1000 x 3	16.26
2500 x 1250 x 1.5	12.70
2500 x 1250 x 2	16.93
2500 x 1250 x 2.5	21.17
2500 x 1250 x 3	25.40
2500 x 1250 x 8	67.75

Size (mm)	Weight per sheet (Kg)
3000 x 1500 x 2	24.39
3000 x 1500 x 3	36.58
3000 x 1500 x 4	48.78
3000 x 1500 x 6	73.17
3020 x 1520 x 12	149.27
3020 x 1520 x 15	182.92

Some sheet can be supplied polycoated on 1 or 2 sides.
Please check with your local service centre.

Sheet

OTHER ALLOYS

Size (mm) Alloys >	5251-H22	3103-H14	6082-T6
2500 x 1250 x 0.5	✓		✓
2000 x 1000 x 0.6	✓		✓
2500 x 1250 x 0.7	✓		✓
2000 x 1000 x 1.0	✓	✓	✓
2500 x 1250 x 1.0	✓	✓	✓
3000 x 1250 x 1.0	✓		✓
2000 x 1000 x 1.2	✓	✓	✓
2500 x 1250 x 1.2	✓	✓	✓
3000 x 1500 x 1.2			
2000 x 1000 x 1.5	✓	✓	✓
2500 x 1250 x 1.5	✓	✓	✓
3000 x 1250 x 1.5	✓		✓
3000 x 1500 x 1.5	✓		
2000 x 1000 x 1.9	✓		✓
2000 x 1000 x 2.0	✓		✓
2500 x 1250 x 2.0	✓	✓	✓
3000 x 1250 x 2.0	✓		✓
3000 x 1500 x 2.0	✓		
2000 x 1000 x 2.5	✓		✓
2500 x 1250 x 2.5	✓		✓
2438 x 1219 x 2.83			
2000 x 1000 x 3.0	✓		✓
2500 x 1250 x 3.0	✓	✓	✓
3000 x 1250 x 3.0	✓	✓	✓
3000 x 1500 x 3.0	✓		

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 0.7	5.9
2500 x 1250 x 0.9	7.6
2500 x 1250 x 1.0	8.5
3000 x 1500 x 1.0	12.3

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.2	10.2
2500 x 1250 x 1.5	12.8
3000 x 1500 x 1.5	18.5
2500 x 1250 x 1.8	15.6

Sheet White Painted

3105-H46, 3003-H45
FULL WHITE GLOSS
CLEAR WASH COAT
LACQUER REVERSE
50 MICRON POLYCOATED

Patterned Sheet

Five Bar Treadplate

ALLOY: 5754-H114

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.5	13.3
2000 x 1000 x 2	11.3
2500 x 1250 x 2	18.7
3000 x 1500 x 2	26.8
2000 x 1000 x 3	17.3
2500 x 1250 x 3	27.0
3000 x 1500 x 3	38.9

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 4.5	25.0
2500 x 1250 x 4.5	39.1
3000 x 1500 x 4.5	56.3
2000 x 1000 x 6	34.0
2500 x 1250 x 6	51.7
3000 x 1500 x 6	74.3
2500 x 1250 x 9.5	84.3

Stucco

ALLOY: 1050-H14

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.5	2.74
2500 x 1250 x 0.5	4.28
2000 x 1000 x 0.6	3.28
2500 x 1250 x 0.6	5.14
2000 x 1000 x 0.7	3.84

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 0.7	5.99
2000 x 1000 x 0.8	4.38
2500 x 1250 x 0.8	6.84
2500 x 1250 x 1.0	8.50
2500 x 1250 x 1.2	10.00

Propeller*

ALLOY: 3003

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.5	14.0
2500 x 1250 x 2.0	18.0
2500 x 1250 x 3.0	28.0

* Propeller pattern also available up to 6mm thick

Triple Grip

ALLOY: 5052 H32

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.5	13.9
2500 x 1250 x 2.0	18.1
2500 x 1250 x 3.0	26.6

Shate & Plate

ALLOY: 6082-T6

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 4.0	21.6
2500 x 1250 x 4.0	33.9
2000 x 1000 x 5.0	27.0
2500 x 1250 x 5.0	42.3
2000 x 1000 x 6.0	32.8
2500 x 1250 x 6.0	50.8
2500 x 1250 x 8.0	67.8
2500 x 1250 x 10.0	84.3
2500 x 1250 x 12.0	102.3

Shate

ALLOY: 1050

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 4.0	33.9
2000 x 1000 x 5.0	27.1
2500 x 1250 x 5.0	42.3
3000 x 1500 x 5.0	61.2
2000 x 1000 x 6.0	32.5
2500 x 1250 x 6.0	50.8

Shate

ALLOY: 5251

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 4.0	21.8
2500 x 1250 x 4.0	33.9
3000 x 1500 x 4.0	49.0
2000 x 1000 x 5.0	27.1
3000 x 1500 x 5.0	61.2

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 5.0	42.3
2000 x 1000 x 6.0	32.7
2500 x 1250 x 6.0	50.8
3000 x 1500 x 6.0	73.2

Shate & Plate

ALLOY: 5083

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 4.0	33.9
2500 x 1250 x 5.0	42.3
2500 x 1250 x 6.0	50.8
2500 x 1250 x 8.0	67.4
2500 x 1250 x 10.0	84.3
2500 x 1250 x 12.0	102.3
2500 x 1250 x 15.0	126.4
2500 x 1250 x 20.0	168.5
2500 x 1250 x 25.0	210.7

Plate

4000 x 2000mm
3000 x 1500mm
2500 x 1250mm

Plate can also be cut to customer requirements

Size (mm)	Alloys > 6082 T6	5083 O
3.0	✓	✓
4.0	✓	✓
5.0	✓	✓
6.0	✓	✓
6.35	✓	
8.0	✓	✓
9.53	✓	✓
10.0	✓	✓
12.0	✓	✓
12.7	✓	✓
15.0	✓	✓
15.88	✓	✓
16.0	✓	✓
19.05	✓	✓
20.0	✓	✓
22.22	✓	✓
25.0	✓	✓
25.4	✓	✓
30.0	✓	✓
31.75	✓	✓
35.0	✓	

Size (mm)	Alloys > 6082 T6	5083 O
38.1	✓	✓
40.0	✓	✓
44.45	✓	✓
50.8	✓	✓
57.15	✓	
60.0	✓	
63.5	✓	✓
69.85	✓	
76.2	✓	✓
82.55	✓	
88.9	✓	✓
101.6	✓	✓
114.3	✓	✓
127.0	✓	✓
152.4	✓	✓
177.8	✓	
200.0	✓	
203.2	✓	
228.6	✓	
254.0	✓	
305.0	✓	

Plate 3.2 Certification

ALLOYS: 5083 - H321
5083 - H111

Size (mm)	Weight per sheet (Kg)	Alloys > 5083 H321	5083 H111
4000 x 2000 x 3	65.04	✓	✓
4000 x 2000 x 4	86.72	✓	✓
4000 x 2000 x 5	108.40	✓	✓
4000 x 2000 x 6	130.08	✓	✓
4000 x 2000 x 7	151.76	✓	✓
4000 x 2000 x 8	173.44	✓	✓
4000 x 2000 x 10	216.80	✓	✓
4000 x 2000 x 12	260.16	✓	✓
4000 x 2000 x 15	325.20	✓	✓
4000 x 2000 x 20	433.60	✓	✓
4000 x 2000 x 25	542.00	✓	✓

Plate
3.2 Certification
(continued...)

ALLOYS: 5083-H321
5083-H111

Size (mm)	Weight per sheet (Kg)	Alloys > 5083 H321	5083 H111
6000 x 2000 x 3	97.56	✓	✓
6000 x 2000 x 4	130.08	✓	✓
6000 x 2000 x 5	162.60	✓	✓
6000 x 2000 x 6	195.12	✓	✓
6000 x 2000 x 7	227.64	✓	✓
6000 x 2000 x 8	260.16	✓	✓
6000 x 2000 x 10	325.20	✓	✓
6000 x 2000 x 12	390.24	✓	✓
6000 x 2000 x 15	487.80	✓	✓
6000 x 2000 x 20	650.40	✓	✓
6000 x 2000 x 25	813.00	✓	✓
6000 x 2000 x 30	975.60	✓	✓
6000 x 2000 x 40	1300.80	✓	✓

Plate

ALLOYS: 6082
ROLLED 5083
2014 PLATE

Plate can also be cut to customer requirements

Size (mm)	Alloys > 6082 T6	5083 O	2014
3.0	✓	✓	
4.0	✓	✓	
5.0	✓	✓	
6.0	✓	✓	
6.35	✓		
8.0	✓	✓	
9.53	✓	✓	
10.0	✓	✓	
12.0	✓	✓	
12.7	✓	✓	
15.0	✓	✓	
15.88	✓	✓	✓
16.0	✓	✓	
19.05	✓	✓	✓
20.0	✓	✓	✓
22.23	✓	✓	
25.0	✓	✓	✓
25.4	✓	✓	✓
30.0	✓	✓	✓
31.75	✓	✓	✓
35.0	✓		
38.1	✓	✓	✓

Size (mm)	Alloys > 6082 T6	5083 O	2014
40.0	✓	✓	
44.45	✓	✓	✓
50.8	✓	✓	✓
57.15	✓	✓	✓
60.0	✓		
63.5	✓	✓	✓
69.85	✓	✓	✓
76.2	✓	✓	✓
82.55	✓		
88.9	✓	✓	✓
101.6	✓	✓	✓
114.3	✓	✓	✓
127.0	✓	✓	✓
139.7	✓		
152.4	✓	✓	✓
165.1	✓		
177.8	✓		
200.0	✓		
203.2	✓		
228.6	✓		
254.0	✓		
305.0	✓		

Triplate®

Size (mm)	Weight per length (Kg)
3800 x 16 x 34	12.12
3800 x 20 x 34	15.16
3800 x 25 x 34	18.95
3800 x 30 x 27	17.54

3.1 certification unless requested otherwise.
3.2 Lloyds available upon request at time of production.

Honeycomb Panels

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 5 KAPATECH®	5.06
2500 x 1250 x 6	14.69
2500 x 1250 x 10	15.63
2500 x 1250 x 10 KAPATECH®	6.06
2500 x 1250 x 15	20.93
2500 x 1250 x 20	21.88
2500 x 1250 x 25	22.81
3125 x 1500 x 6	22.03
3125 x 1500 x 10	23.44
3125 x 1500 x 15	31.40
3050 x 1500 x 20	32.02
3125 x 1250 x 20	27.34
3125 x 1250 x 25	28.51
3000 x 1500 x 25	32.85
6250 x 1250 x 6	36.72
6250 x 1500 x 6	44.06
6250 x 1500 x 10	46.88
6250 x 1500 x 15	62.81
6250 x 1250 x 20	54.68
6250 x 1500 x 20	65.63

Quarter Hard Circles

1200-H12

Diameter	Thickness	Weight each (Kg)
125mm	0.9mm	0.030
155mm	0.9mm	0.046
180mm	0.9mm	0.062
190mm	0.9mm	0.069
215mm	0.9mm	0.089
220mm	0.9mm	0.093
225mm	0.9mm	0.097
320mm	0.9mm	0.196
345mm	0.9mm	0.228
240mm	1.2mm	0.147
300mm	1.2mm	0.230
305mm	1.2mm	0.238
320mm	1.2mm	0.262
330mm	1.2mm	0.278
365mm	1.2mm	0.340
380mm	1.2mm	0.369
470mm	1.2mm	0.565
620mm	1.2mm	0.983

Soft Circles

1200-0

Diameter	Thickness	Weight each (Kg)
180mm	1.2mm	0.083
205mm	1.2mm	0.107
240mm	1.2mm	0.147
250mm	1.2mm	0.160
270mm	1.2mm	0.186
280mm	1.2mm	0.200
300mm	1.2mm	0.230
305mm	1.2mm	0.238
330mm	1.2mm	0.278
360mm	1.2mm	0.331
380mm	1.2mm	0.369
390mm	1.2mm	0.389
400mm	1.2mm	0.409
405mm	1.2mm	0.419
420mm	1.2mm	0.451
490mm	1.2mm	0.614
550mm	1.2mm	0.773
570mm	1.2mm	0.830
600mm	1.2mm	0.920
620mm	1.2mm	0.983

Soft Circles (continued...)

1200-0

Diameter	Thickness	Weight each (Kg)
210mm	1.6mm	0.150
240mm	1.6mm	0.196
260mm	1.6mm	0.230
265mm	1.6mm	0.239
295mm	1.6mm	0.297
305mm	1.6mm	0.317
330mm	1.6mm	0.371
375mm	1.6mm	0.479
390mm	1.6mm	0.518
430mm	1.6mm	0.630
545mm	1.6mm	1.012
610mm	1.6mm	1.268
650mm	1.6mm	1.440
680mm	1.6mm	1.576
300mm	2.0mm	0.383
320mm	2.0mm	0.436
340mm	2.0mm	0.492
390mm	2.0mm	0.648
410mm	2.0mm	0.716
440mm	2.0mm	0.825
460mm	2.0mm	0.901
495mm	2.0mm	1.043
530mm	2.0mm	1.197
550mm	2.0mm	1.289
580mm	2.0mm	1.433
270mm	2.5mm	0.388
290mm	2.5mm	0.448
305mm	2.5mm	0.496
380mm	2.5mm	0.769
465mm	2.5mm	1.151
560mm	2.5mm	1.670
345mm	3.0mm	0.761

Coil

MILL FINISH

Thickness (mm)	1050 H14 /H24	1050 H111/O	1060 O	3103 H14 /H24	5251 H12 /H22	5754 H12 /H22	5754 H111	55HX	1050AQ H12
0.25	✓								
0.30	✓								
0.38	✓								
0.40	✓	✓	✓						
0.45		✓							
0.46	✓								
0.50	✓	✓			✓				
0.56	✓								
0.60	✓	✓							
0.70	✓	✓			✓				
0.80	✓	✓							
0.90	✓				✓				
1.00	✓				✓	✓	✓	✓	
1.20	✓	✓		✓	✓				
1.50	✓	✓		✓	✓			✓	
1.60					✓				
2.00	✓	✓		✓	✓	✓	✓	✓	✓
2.50	✓					✓		✓	
3.00	✓	✓		✓	✓	✓	✓	✓	✓

Coil Processing Capabilities

ALUMINIUM
STAINLESS STEEL
STEEL (Plain & Pre-Painted)
COPPER
BRASS
BRONZE
ZINC
TITANIUM

SLIT COIL RANGE

- Gauge: 0.18mm > 3mm
- Width: 13mm > 1290mm
- Tolerance: ±0.10mm

PRECISION FLAT BLANKS

- Gauge: 0.25mm > 3mm
- Width: 50mm > 1000mm
- Length: 150mm > 3000mm
- Tolerance ±0.25mm up to ±1mm

CUT TO LENGTH SHEETS

- Gauge: 0.25mm > 3mm
- Width: 300mm > 1650mm
- Length: 300mm > 12000mm
- Tolerance ±1mm

TruGuard®

SECURITY FENCING

TruGuard® is a commercial perimeter security anti-climb fence spike system for use across commercial, industrial, utility, transport, prisons and schools.

Whether deterrent or security, TruGuard® works to prevent any unauthorised access to property or premises susceptible to trespass, theft or vandalism.

Manufactured in a strong, durable alloy, to ISO9001, TruGuard® is designed for reliability and durability. Each system component is rigorously tested to ensure a robust performance in service, and is engineered for easy install.

TruGuard® rotating anti climb systems offer long lasting, maintenance free performance and peace of mind.

For further information please visit www.truguard.co.uk or to discuss your requirements please contact your local Righton Blackburns service centre.

Size (mm) Finish >	MILL FINISH with PCI	ANODISED NATURAL (10 micron)	ANODISED NATURAL (15 micron)
2000 x 1000 x 1	✓	✓	✓
2000 x 1000 x 1.5	✓	✓	✓
2000 x 1000 x 2	✓	✓	✓
2000 x 1000 x 2.5		✓	
2000 x 1000 x 3	✓	✓	✓
2000 x 1000 x 4	✓		✓
2000 x 1000 x 5	✓		
2500 x 1250 x 1	✓	✓	✓
2500 x 1250 x 2	✓	✓	✓
3000 x 1250 x 2	✓		✓
2500 x 1250 x 3	✓	✓	✓
3000 x 1250 x 3	✓		✓
3000 x 1500 x 1	✓	✓	✓
3000 x 1500 x 1.5	✓	✓	✓
3000 x 1500 x 2	✓	✓	✓
3000 x 1500 x 3	✓	✓	✓
3500 x 1500 x 3	✓		
4000 x 1500 x 2	✓		✓
4000 x 1500 x 3	✓		✓
1000 x 1.5mm Coil	✓		
1250 x 1.5mm Coil	✓		
1000 x 2mm Coil	✓		
1250 x 2mm Coil	✓		
1500 x 2mm Coil	✓		
1250 x 2.5mm Coil	✓		
1000 x 3mm Coil	✓		
1250 x 3mm Coil	✓		
1500 x 3mm Coil	✓		

55HX®

PREMIUM ANODISING QUALITY ALUMINIUM

Righton Blackburns is the UK approved processor and distributor for 55HX®, a high quality, high performance aluminium for interior and exterior applications.

55HX® composition and surface quality ensure it is especially suitable for decorative anodisation, with a large array of processing options and finishes providing additional creative freedom. 55HX® is ideal for facades, cladding, ceilings, walls and showcase designs and comes in a range of forms, sizes and gauges.

Pre-anodised Products

Architectural and surface design

INTERIOR APPLICATIONS

Pre-anodised products are suitable for many interior applications where aesthetics, durability and distinctive interior décor is required. These include ceiling systems, panelling, partitions, framing and work surfaces.

One such innovative product is Alumaplus, which is a stainless steel look alike with one third of the weight of stainless steel. Alumaplus has greater finger print resistance, forms to tighter tolerances and has higher formability than stainless steel. These attributes make Alumaplus an ideal alternative in many architectural and surface design applications, such as kitchens, washrooms, reception areas, point of display and medical display areas.

EXTERIOR APPLICATIONS

Pre-anodised aluminium is not limited to interior design and provides excellent opportunities for cladding, roof finishes and trims and has been used widely in both commercial and domestic architectural and design applications throughout the world.

AVAILABILITY

Righton Blackburns have available from stock, a wide range of colours and finishes from bright to special finishes, including patterned and coloured anodised coil.

Our in-house process centre has the ability to slit and cut to length to the bespoke sizes specified by the customer.

Pre-anodised Sheet

5005 AQ

1050 AQ H12

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.5	12.7
2500 x 1250 x 2.0	16.9
2500 x 1250 x 3.0	25.4

Sublimation

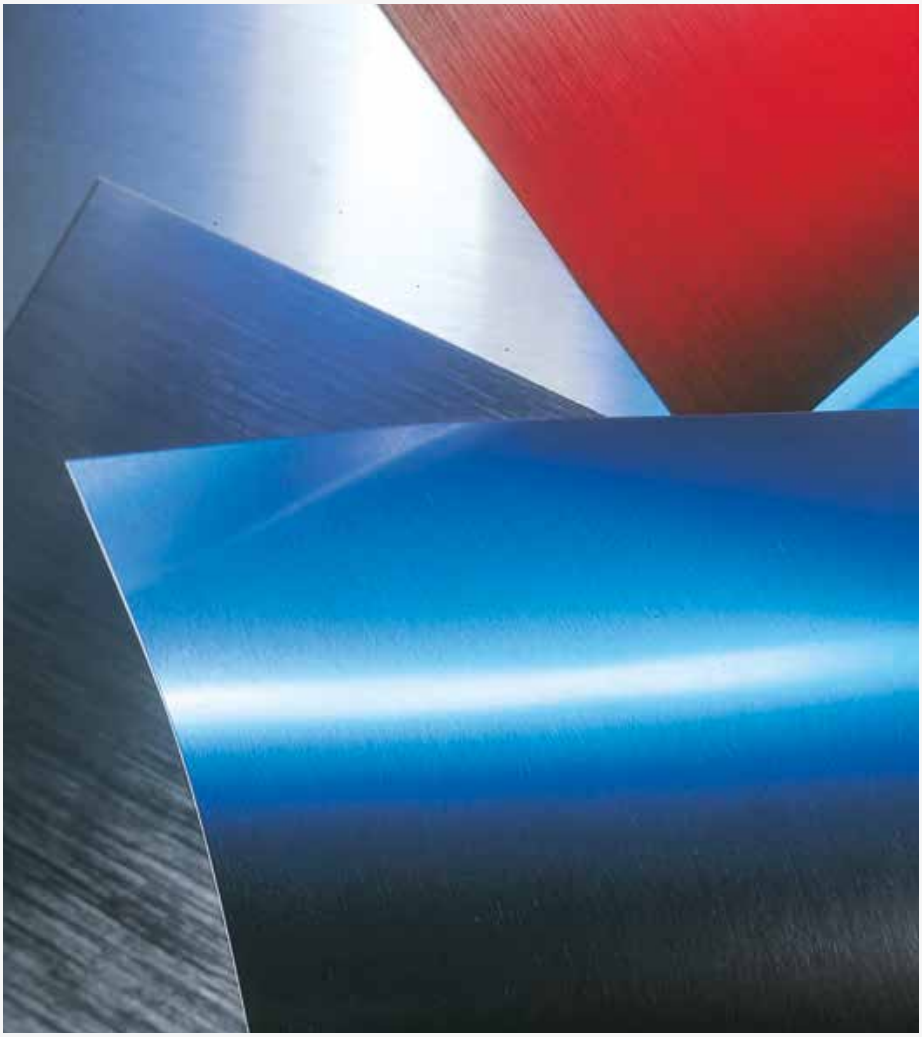
The leading supplier of sublimation aluminium

For many in the architectural and interior design sectors, sublimation products are a totally new concept, although sublimation printing is a familiar term within the printing industry.

So what is sublimation printing? It is a procedure of transferring full colour graphics or photographs onto a wide selection of products. These include metals, ceramics and unisub plastics and glass items all specially pre-coated and therefore sublimation receptive.

Our focus is aluminium and we are the leading supplier of sublimation aluminium in the UK and many worldwide markets, through key distribution customers.

We believe the opportunities for aluminium sublimation offer interior designers in particular, an innovative opportunity to apply bespoke designs and photographs onto aluminium panels for interior décor.



RIGHTON BLACKBURNS
METALS AND PLASTICS

Stainless Steel

Stainless Steel

Righton Blackburns have been supplying industry with metal products such as aluminium, stainless steel, brass, copper and other non-ferrous semi-finished products for over thirty years, building a reputation for quality and service with its many customers in diverse market sectors.

As stainless steel is hugely versatile with unique properties it is an exceptional material for use in many applications. Our range of stainless steel products includes bar, extrusion, sheet, tube, pipe, fittings and handrail.

We offer a complete range of fabrication and processing services including machining bar, pipe and tube cutting throughout our nationwide network of service centres.

Round Bar

1.4305 (303S31)

BRIGHT DRAWN H9

Dia (in)	Weight per metre (Kg)
2mm	0.02
3mm	0.06
1/8	0.06
4mm	0.10
3/16	0.14
5mm	0.16
7/32	0.19
6mm	0.22
1/4	0.25
7mm	0.30
9/32	0.31
5/16	0.39
8mm	0.40
9mm	0.50
3/8	0.56
10mm	0.62
7/16	0.77
12mm	0.89

Dia (in)	Weight per metre (Kg)
1/2	1.00
13mm	1.04
9/16	1.22
14mm	1.22
15mm	1.40
5/8	1.56
16mm	1.59
17mm	1.78
11/16	1.89
18mm	2.01
3/4	2.25
20mm	2.48
22mm	3.00
7/8	3.07
24mm	3.57
25mm	3.88
1	4.03

Round Bar

1.4305 (303S31)

SMOOTH TURNED H9/H10

* BRIGHT GROUND H8/H9

Dia (in)	Weight per metre (Kg)
25mm*	3.88
1	4.03
26mm	4.17
27mm	4.50
28mm	4.83
1 1/8	5.07
30mm*	5.58
1 1/4	6.25
32mm	6.31
1 3/8	7.57
35mm	7.60
1 1/2	9.01
40mm	9.93
1 5/8	10.60

Dia (in)	Weight per metre (Kg)
1 3/4	12.20
45mm	12.56
1 7/8	14.10
50mm*	15.50
2	16.00
2 1/8	18.10
2 1/4	20.30
60mm	22.30
2 3/8	22.60
2 1/2	25.00
2 5/8	27.60
2 3/4	30.30
3	36.00

Round Bar

1.4305 (303S31)
PEELED K12/K16

Dia (in)	Weight per metre (Kg)
3¼	42.90
3½	49.80
3¾	57.10
4	65.00
4¼	73.40
4½	82.30
4¾	91.70
5	102.00

Dia (in)	Weight per metre (Kg)
5¼	110.00
5½	123.00
6	146.00
6½	168.00
6¾	181.00
7	199.00
7½	224.00
8	255.00

Round Bar

1.4301 (304S31)
BRIGHT DRAWN H9

Dia (in)	Weight per metre (Kg)
2mm	0.02
3mm	0.06
⅛	0.06
4mm	0.10
3/16	0.14
5mm	0.16
6mm	0.22
¼	0.25
5/16	0.39
8mm	0.40
⅜	0.56
10mm	0.62

Dia (in)	Weight per metre (Kg)
7/16	0.77
12mm	0.89
½	1.00
9/16	1.27
15mm	1.40
⅝	1.56
11/16	1.89
¾	2.25
20mm	2.48
⅞	3.07
25mm	3.88
1	4.03

Round Bar

1.4301 (304S31)
SMOOTH TURNED H9/H10

Dia (in)	Weight per metre (Kg)
25mm	3.88
1	4.03
1⅛	5.07
30mm	5.58
1¼	6.25
1⅜	7.57
1½	9.01
40mm	9.93
1⅝	10.60

Dia (in)	Weight per metre (Kg)
1¾	12.20
50mm	15.50
2	16.00
2¼	20.30
60mm	22.30
2½	25.00
2¾	30.30
3	36.00

Round Bar

1.4307 (304S11/S31)
PEELED K12/K16

Dia (in)	Weight per metre (Kg)
3	36.00
3¼	42.90
3½	49.80
3¾	57.10
4	65.00
4¼	73.40
4½	82.30
5	102.00
5¼	111.98
5½	123.00
5¾	134.00
6	146.00

Dia (in)	Weight per metre (Kg)
6½	172.00
7	199.00
7½	229.00
8	260.00
8½	294.00
9	329.00
10	406.00
11	492.00
12	585.00
340mm	728.00
16	1040.00

Round Bar

1.4404 (316S11/S31)
BRIGHT DRAWN H9

Dia (in)	Weight per metre (Kg)
3mm	0.06
⅛	0.06
4mm	0.10
3/16	0.14
5mm	0.16
6mm	0.23
¼	0.25
7mm	0.30
5/16	0.39
8mm	0.40
9mm	0.50
⅜	0.57
10mm	0.63
7/16	0.77
12mm	0.90
½	1.01

Dia (in)	Weight per metre (Kg)
13mm	1.04
14mm	1.23
9/16	1.28
15mm	1.41
⅝	1.58
16mm	1.60
17mm	1.78
11/16	1.91
18mm	2.03
¾	2.27
20mm	2.50
22mm	2.98
⅞	3.09
24mm	3.60
25mm	3.91
1	4.03

Round Bar

1.4404 (316S11/S31)
SMOOTH TURNED H9/H10
* BRIGHT GROUND H8/H9

Dia (in)	Weight per metre (Kg)
7/8	3.09
25mm*	3.91
1*	4.03
26mm	4.17
27mm	4.50
28mm	4.83
1 1/8*	5.11
30mm*	5.63
1 1/4*	6.30
32mm	6.40
1 3/8*	7.63
35mm*	7.66
1 1/2*	9.08
40mm*	10.00
1 5/8*	10.70
1 3/4*	12.40

Dia (in)	Weight per metre (Kg)
45mm	12.70
1 7/8*	14.20
50mm	15.60
2*	16.10
2 1/8*	18.20
2 1/4*	20.40
60mm*	22.50
2 3/8*	22.80
2 1/2*	25.20
65mm	26.05
2 5/8	27.80
70mm	30.22
2 3/4*	30.50
75mm	34.68
3*	36.30

Round Bar

1.4404 (316S11/S31)
PEELED K12/K16

Dia (in)	Weight per metre (Kg)
3	36.30
80mm	39.47
3 1/4	43.20
3 1/2	50.20
3 3/4	57.60
4	65.50
4 1/4	73.90
4 1/2	82.90
4 3/4	92.40
5	102.00
5 1/4	113.00
5 1/2	123.00
5 3/4	135.00
6	147.00
6 1/4	160.00
6 1/2	173.00
6 3/4	181.00
7	201.00
185mm	217.00

Dia (in)	Weight per metre (Kg)
7 1/4	215.00
7 1/2	230.00
8	262.00
8 1/2	296.00
220mm	307.00
9	332.00
9 1/2	370.00
10	409.00
10 1/2	451.00
11	495.00
11 1/2	526.00
12	590.00
12 1/2	621.00
13	672.00
340mm	734.00
14	802.00
15	894.00
16	1049.00

Round Bar

1.4005 (416) QT650
1.4005 (416) CONDITION P
1.4057 (431) QT800
1.4057 (431) CONDITION T

Dia (in)	Weight per metre (Kg)
1/8	0.06
4mm	0.10
3/16	0.14
5mm	0.15
6mm	0.22
1/4	0.25
5/16	0.39
8mm	0.40
9mm	0.49
3/8	0.56
10mm	0.62
7/16	0.76
12mm	0.89
1/2	0.99
14mm	1.21
9/16	1.26
5/8	1.55
16mm	1.58
11/16	1.88
3/4	2.24
20mm	2.47
22mm	2.98
7/8	3.04
25mm	3.85
1	3.98
1 1/8	5.03
30mm	5.55

Dia (in)	Weight per metre (Kg)
1 1/4	6.21
1 3/8	7.47
1 1/2	8.94
1 5/8	10.50
1 3/4	12.18
1 7/8	13.98
2	15.90
2 1/8	17.96
2 1/4	20.13
2 3/8	22.40
2 1/2	24.85
2 5/8	27.39
2 3/4	30.07
3	35.76
3 1/4	42.00
3 1/2	48.69
3 3/4	55.91
4	63.62
4 1/4	71.80
4 1/2	80.50
4 3/4	89.70
5	99.40
5 1/4	110.00
5 1/2	120.00
5 3/4	131.00
6	143.00

Round Bar

1.4541 (321S31)
BRIGHT DRAWN H9
(ONLY UP TO 25MM)

1"- 3"
SMOOTH TURNED H9/H10

3¼"- 6"
PEELED K12/K16

Dia (in)	Weight per metre (Kg)
3	36.30
⅛	0.06
4mm	0.10
3/16	0.14
5mm	0.15
7/32	0.19
6mm	0.22
¼	0.25
5/16	0.39
8mm	0.40
⅜	0.56
10mm	0.62
7/16	0.76
12mm	0.89
½	0.99
14mm	1.21
9/16	1.26
⅝	1.55
16mm	1.58
1 1/16	1.88
¾	2.24
20mm	2.47
22mm	2.98
⅞	3.04
25mm	3.85
1	3.98
1⅛	5.03

Dia (in)	Weight per metre (Kg)
30mm	5.55
1¼	6.21
1⅜	7.47
1½	8.94
1⅝	10.50
1¾	12.18
1⅞	13.98
2	15.90
2⅛	17.96
2¼	20.13
2⅜	22.40
2½	24.85
2⅝	27.39
2¾	30.07
3	35.76
3¼	42.00
3½	48.69
3¾	55.91
4	63.62
4¼	71.80
4½	80.50
4¾	89.70
5	99.40
5¼	110.00
5½	120.00
5¾	131.00
6	143.00

Round Bar

1.4462 F51
DUPLEX 6M LENGTHS
BRIGHT GROUND H9

Dia (in)	Weight per metre (Kg)
1	3.98
30mm	5.55
1¼	6.21
35mm	7.55
1½	8.94
40mm	9.86
1¾	12.18
45mm	12.48
50mm	15.41

Dia (in)	Weight per metre (Kg)
2	15.19
55mm	19.00
2¼	20.13
60mm	22.20
2½	24.85
65mm	26.00
2¾	30.08
70mm	30.21
3	35.76

Round Bar

1.4462 F51
DUPLEX 6M LENGTHS
PEELED K12

Dia (in)	Weight per metre (Kg)
100mm	61.65
4	63.62

Round Bar

1.4501 F55
SUPER DUPLEX
3M-6M LENGTHS
PEELED K12

Dia (in)	Weight per metre (Kg)
5/8	1.55
3/4	2.24
1	3.98
1 1/4	6.21
1 1/2	8.94

Dia (in)	Weight per metre (Kg)
1 3/4	12.18
2	15.90
2 1/4	20.13
2 1/2	24.85
3	35.76

Round Bar

XM-19
PEELED K12

Dia (mm)	Weight per metre (Kg)
35mm	7.55
45mm	12.48

Dia (mm)	Weight per metre (Kg)
50.8mm	15.90
70mm	30.22

Round Bar

1.4542 17-4
AISI 630 CONDITION A
1.4542 17-4
AISI 630 H1150D

Dia (in)	Weight per metre (Kg)
3/8	0.56
1/2	0.99
5/8	1.55
3/4	2.24
7/8	3.04
1	3.98
1 1/8	5.03
1 1/4	6.21
1 3/8	7.47
1 1/2	8.94
1 5/8	10.50
1 3/4	12.18
45mm	12.48
1 7/8	13.98
2	15.90
2 1/8	17.96
2 1/4	20.13
2 3/8	22.40
2 1/2	24.85
2 5/8	27.39
2 3/4	30.07
3	35.76
3 1/4	42.00
3 1/2	48.69

Dia (in)	Weight per metre (Kg)
3 3/4	55.91
4	63.62
4 1/4	71.80
4 1/2	80.50
4 3/4	89.70
5	99.40
5 1/4	110.00
5 1/2	120.00
5 3/4	133.00
6	143.00
6 1/4	155.00
6 1/2	168.00
6 3/4	181.00
7	195.00
7 1/2	224.00
8	255.00
8 1/2	287.00
9	322.00
9 1/2	359.00
10	397.00
10 1/2	438.00
11	481.00
11 1/2	526.00
12	572.00

Nickel Alloy Round Bar

ALLOY 400 NA13 2.4360
UNS N04400
ALLOY 500 NA18 2.4375
UNS N05500

Diameter (in)	Weight per metre (Kg)
¾	2.00
1	4.28
1¼	6.68
1½	9.62
1¾	13.10
2	17.11
2¼	21.65

Diameter (in)	Weight per metre (Kg)
2½	36.73
2¾	32.34
3	38.49
3¼	45.17
3½	52.39
4	68.43

Hexagon

1.4305 & 1.4404
(303S31 & 316S11/S31)

Size (in)	Weight per metre (Kg)
0.250	0.27
7mm	0.33
0.312	0.46
8mm	0.44
0.324	0.46
0.375	0.64
10mm	0.68
11mm	0.85
0.437	0.85
0.445	0.87
0.500	1.11
13mm	1.15
0.525	1.21
14mm	1.32
0.562	1.39
0.600	1.56
0.625	1.71
17mm	1.96
0.6875	2.07
0.710	2.20
19mm	2.45
0.750	2.50
0.812	2.89
0.820	2.90
22mm	3.27
0.875	3.35
0.920	3.69

Size (in)	Weight per metre (Kg)
0.937	3.84
24mm	3.92
1.000	4.38
1.010	4.40
27mm	4.98
1.100	5.22
1.125	5.54
30mm	6.10
1.200	6.23
1.250	6.84
1.300	7.23
1.375	8.28
36mm	8.76
1.480	9.37
1.500	10.01
1.625	10.50
1.670	12.40
1.750	13.42
46mm	14.39
1.860	15.04
50mm	16.94
2.000	17.53
2.050	18.38
2.220	21.65
2.375	25.17
2.500	27.80
2.750	33.32

Flat Bar

1.4307 & 1.4404
(304S11/S31 & 316S11/S31)
HOT ROLLED

Size (mm)	Weight per metre (Kg)
20 x 10	1.58
25 x 10	1.98
30 x 10	2.37
40 x 10	3.16
50 x 10	3.95
60 x 10	4.74
75 x 10	5.93
100 x 10	7.90
25 x 12	2.37
30 x 12	2.84
40 x 12	3.79
50 x 12	4.74
60 x 12	5.69
75 x 12	7.11
100 x 12	9.48
25 x 15	2.96
30 x 15	3.56
40 x 15	4.74

Size (mm)	Weight per metre (Kg)
50 x 15	5.93
60 x 15	7.11
75 x 15	8.88
100 x 15	11.90
25 x 20	3.95
30 x 20	4.74
40 x 20	6.32
50 x 20	7.90
60 x 20	9.48
75 x 20	11.90
100 x 20	15.80
30 x 25	5.93
40 x 25	7.90
50 x 25	9.88
60 x 25	11.90
75 x 25	14.80
100 x 25	19.80

Flat Bar

1.4301 & 1.4404
(304 & 316L)
ROLLED EDGE

Size (mm)	Weight per metre (Kg)
12 x 3	0.28
20 x 3	0.47
25 x 3	0.59
30 x 3	0.71
40 x 3	0.95
50 x 3	1.19
60 x 3	1.42
75 x 3	1.78
100 x 3	2.37
12 x 5	0.47
20 x 5	0.79
25 x 5	0.99
30 x 5	1.19
40 x 5	1.58
45 x 5	1.78
50 x 5	1.98
60 x 5	2.37
75 x 5	2.96
100 x 5	3.95
12 x 6	0.57
20 x 6	0.95
25 x 6	1.19
30 x 6	1.42
40 x 6	1.90
45 x 6	2.13

Size (mm)	Weight per metre (Kg)
50 x 6	2.37
60 x 6	2.84
75 x 6	3.56
100 x 6	4.74
25 x 8	1.58
30 x 8	1.90
40 x 8	2.53
50 x 8	3.16
60 x 8	3.79
75 x 8	4.74
100 x 8	6.32
25 x 10	1.98
30 x 10	2.37
40 x 10	3.16
50 x 10	3.95
60 x 10	4.74
75 x 10	5.93
100 x 10	7.90
25 x 12	2.37
30 x 12	2.84
40 x 12	3.79
50 x 12	4.74
60 x 12	5.69
75 x 12	7.11
100 x 12	9.46

Square Bar

1.4301 & 1.4404
(304S11/S31 & 316S11/S31)

Size (mm)	Weight per metre (Kg)
12 x 12	1.14
16 x 16	2.02
20 x 20	3.16
25 x 25	4.94

Size (mm)	Weight per metre (Kg)
30 x 30	7.11
40 x 40	12.60
50 x 50	19.80

Angle

1.4301 & 1.4404
(304S31 & 316S11/S31)

Size (mm)	Weight per metre (Kg)
20 x 20 x 3	0.88
25 x 25 x 3	1.12
25 x 25 x 5	1.78
25 x 25 x 6	2.09
30 x 30 x 3	1.35
30 x 30 x 5	2.17
30 x 30 x 6	2.56
40 x 40 x 3	1.83
40 x 40 x 5	2.96
40 x 40 x 6	3.51
50 x 50 x 3	2.30
50 x 50 x 5	3.75
50 x 50 x 6	4.46

Size (mm)	Weight per metre (Kg)
50 x 15	5.93
50 x 50 x 10	7.11
60 x 60 x 5	4.58
60 x 60 x 6	5.40
60 x 60 x 10	8.69
70 x 70 x 6	6.35
70 x 70 x 10	10.30
75 x 75 x 6	7.37
75 x 75 x 10	11.95
80 x 80 x 6	7.89
80 x 80 x 10	12.80
100 x 100 x 6	9.20
100 x 100 x 10	15.00

Sheet

1.4301 (304)
2B FINISH

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.5	8.2
2500 x 1250 x 0.5	12.8
2000 x 1000 x 0.6	9.82
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2000 x 1000 x 0.8	13.1
2500 x 1250 x 0.8	20.5
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
3000 x 1500 x 0.9	33.2
2000 x 1000 x 1.0	16.4
2500 x 1250 x 1.0	25.6
3000 x 1500 x 1.0	36.8
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
3000 x 1500 x 1.2	44.2

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4
3000 x 1500 x 1.5	55.3
2000 x 1000 x 2.0	32.7
2500 x 1250 x 2.0	51.2
3000 x 1500 x 2.0	73.7
2000 x 1000 x 2.5	40.9
2500 x 1250 x 2.5	63.9
3000 x 1500 x 2.5	92.1
2000 x 1000 x 3.0	49.6
2500 x 1250 x 3.0	77.5
3000 x 1500 x 3.0	112.0
2500 x 1250 x 4.0	102.4
2500 x 1250 x 5.0	137.8
2500 x 1250 x 6.0	155.0

Sheet

1.4404 (316)
2B FINISH

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.6	9.82
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
2500 x 1250 x 1.0	25.6
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
3000 x 1500 x 1.2	44.2
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4
3000 x 1500 x 1.5	55.3

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 2.0	32.7
2500 x 1250 x 2.0	51.2
3000 x 1500 x 2.0	73.3
2000 x 1000 x 2.5	40.9
2500 x 1250 x 2.5	63.9
3000 x 1500 x 2.5	92.1
2000 x 1000 x 3.0	49.6
2500 x 1250 x 3.0	77.5
3000 x 1500 x 3.0	112.0
2500 x 1250 x 4.0	102.4
2500 x 1250 x 5.0	137.8
2500 x 1250 x 6.0	155.0

Sheet

1.4541 (321)
2B FINISH

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.5	37.5
2500 x 1250 x 2.0	50.0
2500 x 1250 x 3.0	75.0

5T MOQ Mill quantity stock only

Sheet

1.4301 (304)
2R (BA) FINISH

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.5	8.2
2500 x 1250 x 0.5	12.8
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2500 x 1250 x 0.8	20.5
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
2000 x 1000 x 1.0	16.4

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.0	25.6
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4
2000 x 1000 x 2.0	32.7
2500 x 1250 x 2.0	51.2

Sheet

1.4016 (430)
2R (BA) FINISH

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.5	8.2
2500 x 1250 x 0.5	12.8
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2500 x 1250 x 0.8	20.5
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
2000 x 1000 x 1.0	16.4

Size (mm)	Weight per sheet (Kg)
2500 x 1250 x 1.0	25.6
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4
2000 x 1000 x 2.0	32.7
2500 x 1250 x 2.0	51.2

Polished Sheet

1.4301 & 1.4404
(304 & 316)
240 SILICON
FIBER OPTIC COATING
1 & 2 SIDES

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.6	9.60
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
2000 x 1000 x 1.0	16.4
2500 x 1250 x 1.0	25.6
3000 x 1500 x 1.0	36.8
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
3000 x 1500 x 1.2	44.2
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4

Size (mm)	Weight per sheet (Kg)
3000 x 1500 x 1.5	55.3
2000 x 1000 x 2.0	32.7
2500 x 1250 x 2.0	51.2
3000 x 1500 x 2.0	73.7
2000 x 1000 x 2.5	40.9
2500 x 1250 x 2.5	63.9
3000 x 1500 x 2.5	92.1
2000 x 1000 x 3.0	49.6
2500 x 1250 x 3.0	77.5
3000 x 1500 x 3.0	112.0
2500 x 1250 x 4.0	102.4
2500 x 1250 x 5.0	137.8
2500 x 1250 x 6.0	155.0

Polished Sheet

1.4016 (430)
240 SILICON
FIBER OPTIC COATING

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.7	11.5
2500 x 1250 x 0.7	17.9
2000 x 1000 x 0.9	14.7
2500 x 1250 x 0.9	23.0
3000 x 1000 x 0.9	32.4
2000 x 1000 x 1.0	16.4
2500 x 1250 x 1.0	25.6

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 1.2	19.6
2500 x 1250 x 1.2	30.7
2000 x 1000 x 1.5	24.6
2500 x 1250 x 1.5	38.4
2000 x 1000 x 2.0	32.8
2500 x 1250 x 2.0	51.2

Polished Sheet

1.4307 & 1.4404
SUPER MIRROR POLISH
& MIRROR POLISH
FIBER OPTIC
LASER COATING

*1.4307 & 1.4404
CIRCLE POLISH
FIBER OPTIC
LASER COATING

Size (mm)	Weight per sheet (Kg)
2000 x 1000 x 0.7	11.2
2500 x 1250 x 0.7*	17.5
2000 x 1000 x 0.9	14.4
2500 x 1250 x 0.9*	22.5
2500 x 1250 x 1.0	25.0
3000 x 1500 x 1.0	36.0
2000 x 1000 x 1.2	19.2
2500 x 1250 x 1.2*	30.0
2000 x 1000 x 1.5	24.0
2500 x 1250 x 1.5*	37.5
3000 x 1500 x 1.5	54.0
2000 x 1000 x 2.0	32.0
2500 x 1250 x 2.0	50.0

Size (mm)	Weight per sheet (Kg)
3000 x 1500 x 2.0	72.0
2000 x 1000 x 2.5	40.0
2500 x 1250 x 2.5	62.5
3000 x 1500 x 2.5	90.0
2000 x 1000 x 3.0	48.0
2500 x 1250 x 3.0	75.0
3000 x 1500 x 3.0	108.0
2500 x 1250 x 4.0	100.0
3000 x 1500 x 4.0	144.0
2500 x 1250 x 5.0	125.0
3000 x 1500 x 5.0	180.0
2500 x 1250 x 6.0	150.0
3000 x 1500 x 6.0	216.0

Polished Sheet options available: 240 Silicon, 240 Grit and various coating including Fiber Optic Laser for one or two sides.

Welded Mesh

1.4301 & 1.4404

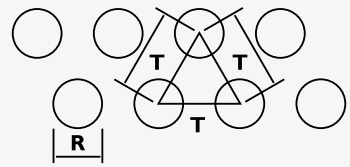
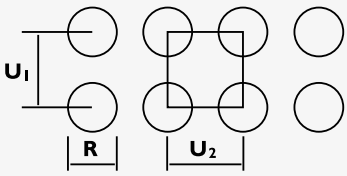
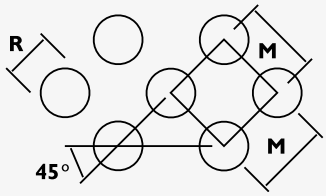
Size (ins)	Weight per sheet (Kg)
96 x 48 x ½ x ½ x 16 swg	6.50
96 x 48 x 3 x ½ x 10 swg	16.00
96 x 48 x 3 x ½ x 12 swg	11.00
96 x 48 x 1 x 1 x 10 swg	13.00
96 x 48 x 1 x 1 x 12 swg	9.50
96 x 48 x 1½ x 1½ x 10 swg	9.00
96 x 48 x 2 x 2 x 10 swg	7.00
96 x 48 x 2 x 2 x 12 swg	5.00

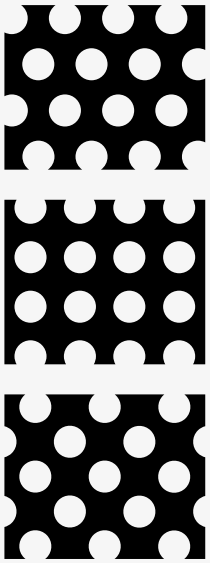
Perforated Sheet

ROUND HOLES 1.4301

Size (mm)	Pattern	Weight per sheet (Kg)
2000 x 1000 x 1.0	R3 T5	10.8
2000 x 1000 x 1.0	R6 T8	8.0
2000 x 1000 x 1.5	R10 T15	14.7
2500 x 1250 x 0.7	R3 T5	11.8
2500 x 1250 x 1.0	R3 T5	17.0
2500 x 1250 x 1.5	R3 T5	25.6

TECHNICAL DETAILS

ARRANGEMENT OF HOLES		HOLE SHAPE	PATTERN IDENTIFICATION
	Round holes, triangular pitch	R	R - T
	Calculation of open area in %	$\frac{R^2 \times 90.69}{T^2}$	
	Number of holes per m^2	$\frac{1,154,700}{T^2}$	
	Round holes, rectangular pitch	R	R - U
	Calculation of open area in %	$\frac{R^2 \times 78.5}{U_1 \times U_2}$	
	Number of holes per m^2	$\frac{1,000,000}{U_1 \times U_2}$	
	Round holes, diagonal pitch	R	R - M
	Calculation of open area in %	$\frac{R^2 \times 78.5}{M}$	
	Number of holes per m^2	$\frac{1,000,000}{M}$	

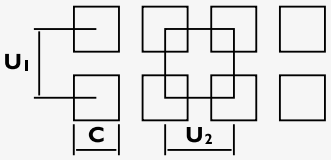
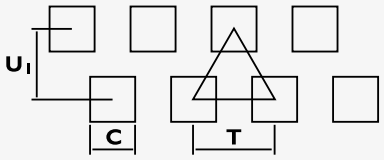
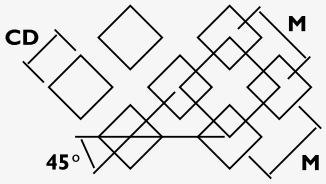


Perforated Sheet

SQUARE HOLES 1.4301

Size (mm)	Pattern	Weight per sheet (Kg)
2000 x 1000 x 1.5	C10 U15	13.5

TECHNICAL DETAILS

ARRANGEMENT OF HOLES		HOLE SHAPE	PATTERN IDENTIFICATION
	Square holes, rectangular pitch	C	C - U
	Calculation of open area in %	$\frac{C^2 \times 100}{U_1 \times U_2}$	
	Number of holes per m^2	$\frac{1,000,000}{U_2 \times U_2}$	
	Square holes, triangular pitch	C	C - T
	Calculation of open area in %	$\frac{C^2 \times 100}{T^2}$	
	Number of holes per m^2	$\frac{1,000,000}{T^2}$	
	Square holes, diagonal staggered pitch	CD	CD - M
	Calculation of open area in %	$\frac{CD^2 \times 100}{M^2}$	
	Number of holes per m^2	$\frac{1,000,000}{M^2}$	

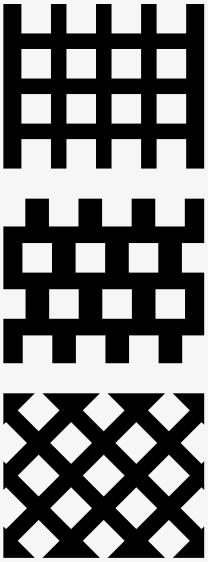


Plate / Sheet

1.4003

ID FINISH

Size (mm)	Weight per plate (Kg)
2000 x 1000 x 2.0	33.2
2500 x 1250 x 2.0	51.8
3000 x 1500 x 2.0	74.6
2000 x 1000 x 3.0	49.7
2500 x 1250 x 3.0	77.7
3000 x 1500 x 3.0	112.0
2000 x 1000 x 4.0	66.4
2500 x 1250 x 4.0	102.0
3000 x 1500 x 4.0	147.0

Sheet

COLD ROLLED

DESCALED

ASTM A240, ASME SA 240

304L & 316L

Size (mm)	Weight per plate (Kg)
4000 x 2000 x 2.0	136.0
4000 x 2000 x 3.0	204.0
2500 x 1250 x 4.0	106.0
3000 x 1500 x 4.0	153.0
4000 x 2000 x 4.0	272.0
2500 x 1250 x 5.0	133.0

Size (mm)	Weight per plate (Kg)
3000 x 1500 x 5.0	191.0
4000 x 2000 x 5.0	340.0
2500 x 1250 x 6.0	159.0
3000 x 1500 x 6.0	230.0
4000 x 2000 x 6.0	408.0

CPP Plate

1.4301, 1.4307, 1.4401
& 1.4404 (EN10088-2)
1D FINISH
ASTM A240, ASME
SA240: 304, 304L, 316, 316L

Size (mm)	Weight per plate (Kg)
4000 x 2000 x 2.0	136.0
2000 x 1000 x 3.0	51.0
2500 x 1250 x 3.0	79.7
3000 x 1500 x 3.0	115.0
2000 x 1000 x 4.0	68.0
2500 x 1250 x 4.0	106.0
3000 x 1500 x 4.0	153.0
2000 x 1000 x 5.0	85.0
2500 x 1250 x 5.0	133.0
3000 x 1500 x 5.0	191.0
4000 x 2000 x 5.0	340.0
2000 x 1000 x 6.0	102.0
2500 x 1250 x 6.0	159.0
3000 x 1500 x 6.0	230.0

Size (mm)	Weight per plate (Kg)
3000 x 1500 x 5.0	191.0
4000 x 2000 x 6.0	408.0
2500 x 1250 x 8.0	213.0
3000 x 1500 x 8.0	306.0
4000 x 2000 x 8.0	544.0
2500 x 1250 x 10.0	266.0
3000 x 1500 x 10.0	383.0
4000 x 1500 x 10.0	510.0
4000 x 2000 x 10.0	680.0
2500 x 1250 x 12.0	319.0
3000 x 1500 x 12.0	459.0
4000 x 1500 x 12.0	612.0
4000 x 2000 x 12.0	816.0

Quarto Plate

1.4301, 1.4307, 1.4401
& 1.4404 (EN10088-2)
1D FINISH
ASTM A240, ASME
SA240: 304, 304L, 316, 316L
BS1501 PT3: 304S31, 304S11
316S31, 316S11

Thickness (mm)	Unit Weight per sq metre (Kg)
5	42.5
6	51.0
8	68.0
10	85.0
12	102.0
15	128.0
16	136.0
20	170.0
22	187.0
25	213.0
30	255.0
32	272.0

Thickness (mm)	Unit Weight per sq metre (Kg)
35	298.0
40	340.0
45	383.0
50	426.0
55	468.0
60	510.0
65	553.0
70	596.0
75	638.0
90	765.0
100	850.0
125	1063.0

Stainless Treadplate

AISI 304, ASTM A793/96
PATTERN B

Thickness on base (mm)	Unit Weight per plate (Kg)
3000 x 1000 x 3.0	78.0
3000 x 1250 x 4.5	143.0
3000 x 1250 x 6.0	180.0
3000 x 1250 x 8.0	210.0

Seamless Pipe

ASTM A312

304L

NPS/NB (in)	SCH 10S	SCH 40S	SCH 80S
¼	–	✔	✔
⅜	✔	✔	✔
½	✔	✔	✔
¾	–	✔	✔
1	✔	✔	✔
1¼	–	✔	✔
1½	✔	✔	✔
2	✔	✔	✔
2½	✔	✔	–
3	✔	✔	✔
4	✔	✔	✔
6	✔	✔	✔
8	–	✔	✔

Seamless Pipe

ASTM A312

316L

NPS/NB (in)	SCH 10S	SCH 40S	SCH 80S	SCH 160
⅛	✔	✔	–	–
¼	✔	✔	✔	–
⅜	✔	✔	✔	–
½	✔	✔	✔	✔
¾	✔	✔	✔	✔
1	✔	✔	✔	✔
1¼	–	–	✔	–
1½	✔	✔	✔	✔
2	✔	✔	✔	✔
2½	✔	✔	✔	–
3	✔	✔	✔	✔
3½	✔	✔	–	–
4	✔	✔	✔	–
5	–	✔	–	–
6	✔	✔	✔	–
8	✔	✔	✔	–

Stainless Steel Pipe Sizes

Pipe Size	OD	SCHEDULE 5S	SCHEDULE 10S	SCHEDULE 40S	SCHEDULE 80S
⅛	10.3	-	1.24	1.73	2.41
¼	13.7	-	1.65	2.24	3.02
⅜	17.1	-	1.65	2.31	3.20
½	21.3	1.65	2.11	2.77	3.73
¾	26.7	1.65	2.11	2.87	3.91
1	33.4	1.65	2.77	3.38	4.55
1¼	42.2	1.65	2.77	3.56	4.85
1½	48.3	1.65	2.77	3.68	5.08
2	60.3	1.65	2.77	3.91	5.54
2½	73.0	2.11	3.05	5.16	7.01
3	88.9	2.11	3.05	5.49	7.62
3½	101.6	2.11	3.05	5.74	8.08
4	114.3	2.11	3.05	6.02	8.56
5	141.3	2.77	3.40	6.55	9.53
6	168.3	2.77	3.40	7.11	10.97
8	219.1	2.77	3.76	8.18	12.70
10	273.1	3.40	4.19	9.27	12.70
12	323.9	3.96	4.57	9.53	12.70
14	355.6	3.96	4.78	-	-
16	406.4	4.19	4.78	-	-
18	457	4.19	4.78	-	-
20	508	4.78	5.54	-	-
22	559	4.78	5.54	-	-
24	610	5.54	6.35	-	-
30	762	6.35	7.92	-	-

Seamless Butt Weld Fittings

ASTM A403

316L

NPS/NB (in)	EQUAL TEES		END CAPS	
	SCH 10S	SCH 40S	SCH 10S	SCH 40S
½	✔	✔	✔	–
¾	✔	✔	✔	–
1	✔	✔	✔	✔
1¼	–	–	✔	✔
1½	✔	✔	✔	–
2	✔	✔	✔	–
2½	–	–	✔	✔
3	✔	✔	✔	✔
4	✔	–	✔	–
6	✔	–	✔	–
8	–	–	–	✔
12	–	–	✔	–

NPS/NB (in)	90° LR ELBOWS			45° LR ELBOWS		STUB ENDS
	SCH 10S	SCH 40S	SCH 80S	SCH 10S	SCH 40S	SCH 10S
½	✔	✔	✔	–	✔	–
¾	✔	✔	✔	✔	–	–
1	✔	✔	✔	✔	–	✔
1½	✔	✔	–	✔	✔	✔
2	✔	✔	✔	✔	✔	✔
2½	✔	–	–	–	–	–
3	✔	✔	–	✔	–	✔
4	✔	✔	–	✔	–	✔
6	✔	✔	–	–	–	✔
8	✔	–	–	–	–	–

Seamless Butt Weld Fittings

ASTM A403

304L

NPS/NB (in)	EQUAL TEES		END CAPS	
	SCH 10S	SCH 40S	SCH 10S	SCH 40S
½	–	✔	✔	–
¾	–	–	✔	–
1	✔	✔	✔	–
1¼	–	–	✔	–
1½	✔	–	✔	–
2	✔	✔	–	✔
2½	–	–	✔	–
3	–	–	✔	–
4	✔	–	✔	–

NPS/NB (in)	90° LR ELBOWS		
	SCH 10S	SCH 40S	SCH 80S
½	✔	✔	✔
¾	✔	–	–
1	✔	✔	–
1½	✔	✔	–
2	✔	✔	–
2½	✔	–	–
3	✔	✔	–
4	✔	✔	–
6	✔	–	–
8	✔	–	–

Seamless Butt Weld Fittings

ASTM A403

304L

NPS/NB (in)	CON RED	
	SCH 10S	SCH 40S
¾ x ½	✔	–
1½ x 1	✔	–
2 x 1	✔	✔
2 x 1¼	–	✔
4 x 2	✔	–
4 x 3	✔	–
6 x 3	✔	–

Seamless Butt Weld Fittings

ASTM A403

316L

NPS/NB (in)	CON RED		
	SCH 10S	SCH 40S	SCH 80S
¾ x ½	✔	✔	✔
1 x ½	✔	✔	✔
1 x ¾	✔	✔	✔
1¼ x 1	✔	✔	–
1½ x ½	✔	✔	–
1½ x ¾	✔	✔	–
1½ x 1	✔	✔	✔
1½ x 1¼	✔	✔	–
2 x ½	✔	–	–
2 x ¾	✔	✔	–
2 x 1	✔	✔	✔
2 x 1¼	✔	✔	–
2 x 1½	✔	✔	–
2½ x 1½	–	–	–
2½ x 2	✔	✔	–
3 x 1	✔	✔	–
3 x 1¼	✔	–	–
3 x 1½	✔	✔	✔
3 x 2	✔	✔	✔
3 x 2½	✔	✔	–
4 x 1½	✔	–	–
4 x 2	✔	✔	–
4 x 2½	–	–	–
4 x 3	✔	✔	✔
5 x 3	✔	✔	–
6 x 3	✔	✔	–
6 x 4	✔	✔	–
6 x 5	✔	–	–
8 x 4	✔	–	–
8 x 6	✔	–	–

Welded Pipe

ASTM A312

304L

NPS/NB (in)	SCH 5S	SCH 10S	SCH 40S
½	✔	✔	✔
¾	✔	✔	✔
1	✔	✔	✔
1¼	✔	✔	✔
1½	✔	✔	✔
2	✔	✔	✔
2½	✔	✔	✔
3	✔	✔	✔
3½	–	✔	✔
4	✔	✔	✔
5	–	✔	✔
6	✔	✔	✔
8	✔	✔	✔
10	✔	✔	✔
12	✔	✔	✔
14	–	✔	–
16	–	✔	–
18	–	✔	–
20	–	✔	–
24	–	✔	–

Welded Pipe

ASTM A312

316L

NPS/NB (in)	SCH 5S	SCH 10S	SCH 40S
½	✔	✔	✔
¾	✔	✔	✔
1	✔	✔	✔
1¼	✔	✔	✔
1½	✔	✔	✔
2	✔	✔	✔
2½	✔	✔	✔
3	✔	✔	✔
4	✔	✔	✔
5	–	✔	✔
6	✔	✔	✔
8	✔	✔	✔
10	✔	✔	✔
12	✔	✔	✔
14	–	✔	–
16	–	✔	–
18	–	✔	–
20	–	✔	–
24	–	✔	–

Welded Butt Weld Fittings

ASTM A403

304L

NPS/NB (in)	90° LR ELBOWS		45° LR ELBOWS		EQUAL TEES		STUB ENDS
	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S
½	✔	✔	✔	✔	✔	✔	✔
¾	✔	✔	✔	✔	✔	✔	✔
1	✔	✔	✔	✔	✔	✔	✔
1¼	✔	✔	✔	✔	✔	✔	✔
1½	✔	✔	✔	✔	✔	✔	✔
2	✔	✔	✔	✔	✔	✔	✔
2½	✔	✔	✔	✔	✔	✔	✔
3	✔	✔	✔	✔	✔	✔	✔
4	✔	✔	✔	✔	✔	✔	✔
5	–	–	–	–	✔	–	–
6	✔	✔	✔	✔	✔	✔	✔
8	✔	✔	✔	–	✔	✔	✔
10	✔	–	✔	–	✔	✔	✔
12	✔	–	✔	–	✔	✔	✔
14	✔	–	✔	–	–	–	–
16	✔	–	✔	–	–	–	–
18	✔	–	–	–	–	–	–
20	✔	–	–	–	–	–	–
22	✔	–	–	–	–	–	–
24	✔	–	–	–	–	–	–

Welded Butt Weld Fittings

ASTM A403

316L

NPS/NB (in)	90° LR ELBOWS		45° LR ELBOWS		EQUAL TEES		STUB ENDS
	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S
½	✔	✔	✔	✔	✔	✔	✔
¾	✔	✔	✔	✔	✔	✔	✔
1	✔	✔	✔	✔	✔	✔	✔
1¼	✔	✔	✔	✔	✔	✔	✔
1½	✔	✔	✔	✔	✔	✔	✔
2	✔	✔	✔	✔	✔	✔	✔
2½	✔	✔	✔	✔	✔	✔	✔
3	✔	✔	✔	✔	✔	✔	✔
4	✔	✔	✔	✔	✔	✔	✔
5	✔	✔	✔	–	✔	–	–
6	✔	✔	✔	✔	✔	✔	✔
8	✔	✔	✔	✔	✔	✔	✔
10	✔	✔	✔	–	✔	–	✔
12	✔	✔	✔	–	–	✔	✔
14	✔	–	✔	–	–	–	–
16	✔	–	✔	–	–	–	–
18	✔	–	✔	–	–	–	–
20	✔	–	✔	–	–	–	–
22	✔	–	–	–	–	–	–
24	✔	–	–	–	–	–	–

Welded Butt Weld Fittings

ASTM A403
304L

NPS/NB (in)	CON RED		ECC RED		RED TEES	
	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S	SCH 40S
¾ x ½	✔	✔	✔	✔	✔	✔
1 x ½	✔	✔	✔	✔	✔	✔
1 x ¾	✔	✔	✔	✔	✔	✔
1¼ x ½	✔	✔	–	–	–	–
1¼ x ¾	✔	✔	–	–	–	–
1¼ x 1	✔	✔	✔	✔	✔	✔
1½ x ½	✔	✔	–	–	✔	✔
1½ x ¾	✔	✔	–	–	✔	✔
1½ x 1	✔	✔	✔	✔	✔	✔
1½ x 1¼	✔	✔	✔	–	✔	✔
2 x ½	✔	✔	–	–	✔	✔
2 x ¾	✔	✔	–	–	✔	✔
2 x 1	✔	✔	✔	✔	✔	✔
2 x 1¼	✔	✔	✔	✔	✔	✔
2 x 1½	✔	✔	✔	✔	✔	✔
2½ x 1	✔	–	–	–	–	–
2½ x 1¼	✔	–	–	–	–	–
2½ x 1½	✔	–	–	–	–	–
2½ x 2	✔	–	✔	✔	✔	✔
3 x 1	✔	✔	–	–	✔	✔
3 x 1¼	✔	✔	–	–	✔	✔
3 x 1½	✔	✔	✔	✔	✔	–
3 x 2	✔	✔	✔	✔	✔	✔
3 x 2½	✔	✔	✔	✔	✔	–
4 x 1½	✔	–	–	–	✔	–
4 x 2	✔	✔	✔	✔	✔	✔
4 x 2½	✔	–	✔	–	✔	✔
4 x 3	✔	✔	✔	✔	✔	✔
5 x 3	✔	✔	–	–	–	–
5 x 4	✔	✔	–	–	–	–
6 x 3	✔	✔	✔	✔	✔	✔
6 x 4	✔	✔	✔	✔	✔	✔
6 x 5	✔	✔	✔	–	✔	✔
8 x 4	✔	✔	–	–	–	–
8 x 5	✔	–	–	–	–	–
8 x 6	✔	✔	✔	–	–	–
10 x 6	✔	✔	✔	–	–	–
10 x 8	✔	–	✔	–	–	–
12 x 8	✔	✔	✔	–	–	–
12 x 10	✔	✔	✔	–	–	–

Welded Butt Weld Fittings

ASTM A403

316L

NPS/NB (in)	CON RED		ECC RED		RED TEES	
	SCH 10S	SCH 40S	SCH 10S	SCH 40S	SCH 10S	SCH 40S
¾ x ½	✔	✔	✔	✔	✔	✔
1 x ½	✔	✔	✔	✔	✔	✔
1 x ¾	✔	✔	✔	✔	✔	✔
1¼ x ½	✔	✔	–	–	–	–
1¼ x ¾	✔	✔	–	–	–	–
1¼ x 1	✔	✔	✔	✔	✔	✔
1½ x ½	✔	✔	–	–	✔	✔
1½ x ¾	✔	✔	–	–	✔	✔
1½ x 1	✔	✔	✔	✔	✔	✔
1½ x 1¼	✔	✔	✔	–	✔	✔
2 x ½	✔	✔	–	–	✔	✔
2 x ¾	✔	✔	–	–	✔	✔
2 x 1	✔	✔	✔	✔	✔	✔
2 x 1¼	✔	✔	✔	✔	✔	✔
2 x 1½	✔	✔	✔	✔	✔	✔
2½ x 1	✔	–	–	–	–	–
2½ x 1¼	✔	–	–	–	–	–
2½ x 1½	✔	–	–	–	–	–
2½ x 2	✔	✔	✔	–	✔	✔
3 x 1	✔	✔	–	–	✔	✔
3 x 1¼	✔	–	–	–	✔	✔
3 x 1½	✔	✔	✔	✔	✔	✔
3 x 2	✔	✔	✔	✔	✔	✔
3 x 2½	✔	✔	✔	–	✔	–
4 x 1½	✔	–	–	✔	✔	–
4 x 2	✔	✔	✔	✔	✔	✔
4 x 2½	✔	–	✔	–	✔	✔
4 x 3	✔	✔	✔	✔	✔	✔
5 x 3	✔	✔	–	–	–	–
5 x 4	✔	✔	–	–	–	–
6 x 3	✔	✔	✔	✔	✔	✔
6 x 4	✔	✔	✔	✔	✔	✔
6 x 5	✔	✔	✔	–	✔	✔
8 x 4	✔	✔	–	–	–	–
8 x 5	✔	–	–	–	–	–
8 x 6	✔	✔	✔	–	✔	–
10 x 6	✔	✔	–	–	–	–
10 x 8	✔	✔	–	–	–	–
12 x 6	–	–	–	–	✔	–
12 x 8	✔	✔	✔	–	–	–
12 x 10	✔	✔	✔	–	–	–

Flanges

ASTM A182, ANSI B16.5
304L & 316L
EN 1092 (BS4504)

NPS/NB (in)	150lb RFWN 304L		300lb RFWN 304L	150lb RFWN 316L			300lb RFWN 316L		
	SCH 10S	SCH 40S	SCH 40S	SCH 10S	SCH 40S	SCH 80S	SCH 10S	SCH 40S	SCH 80S
½	✓	✓	✓	✓	✓	✓	✓	✓	✓
¾	✓	✓	✓	✓	✓	✓	✓	✓	✓
1	✓	✓	✓	✓	✓	✓	✓	✓	✓
1¼					✓				
1½	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓	✓	✓
2½	✓	✓		✓	✓				
3	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓		✓	✓	
6	✓	✓	✓	✓	✓		✓	✓	
8	✓	✓	✓	✓	✓				
10	✓	✓	✓	✓	✓				
12	✓	✓		✓	✓				
14				✓					
16		✓		✓					
18				✓					
20				✓					
24				✓					

Flanges

ASTM A182, ANSI B16.5
304L & 316L
EN 1092 (BS4504)

NPS/NB	150lb RFSO		300lb RFSO	150lb RFB		300lb RFB
(in)	304L	316L	316L	304L	316L	316L
½	✓	✓	✓	✓	✓	✓
¾	✓	✓	✓	✓	✓	✓
1	✓	✓	✓	✓	✓	✓
1¼	✓	✓	✓	✓	✓	
1½	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓
2½	✓	✓		✓	✓	
3	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓
5	✓	✓		✓	✓	
6	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓
14	✓	✓		✓	✓	
16	✓	✓		✓	✓	
18	✓	✓		✓	✓	
20	✓	✓		✓	✓	
24	✓	✓		✓	✓	

BSP Fittings 316L

BSP 150lb FITTINGS (in)	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Equal Socket (coupling)		✓	✓	✓	✓	✓	✓	✓	✓	
90° Elbows (female)		✓	✓	✓	✓	✓	✓	✓	✓	
Half Socket		✓	✓	✓	✓	✓				
Hexagon Union		✓	✓	✓	✓	✓	✓	✓	✓	
Square Head Plug	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Barrel Nipples	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexagon Head Plug	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Hexagon Nipples		✓	✓	✓	✓	✓	✓	✓	✓	
Round Blank Cap		✓	✓	✓	✓	✓	✓	✓	✓	
Weld Nipples		✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexagon Back Nut				✓						
Equal Tee		✓	✓	✓	✓	✓	✓	✓	✓	
Ball Valve		✓	✓	✓	✓	✓		✓	✓	

BSP 150lb FITTINGS (in)	Hexagon Reducing Bush	Hexagon Reducing Nipples	Reducing Socket
1/4 - 1/8	✓		
3/8 - 1/8	✓		
3/8 - 1/4	✓	✓	✓
1/2 - 1/4	✓	✓	
1/2 - 3/8	✓		
3/4 - 1/4	✓		✓
3/4 - 3/8	✓	✓	✓
3/4 - 1/2	✓	✓	✓
1 - 1/4	✓		
1 - 1/2	✓	✓	✓
1 - 3/4	✓		✓
1 1/4 - 1			✓
1 1/2 - 1	✓		
1 1/2 - 1 1/4	✓		
1 1/2 - 1/2	✓	✓	✓
2 - 1 1/2			✓

Seamless Tube

ASTM A269

304L

O/D (mm)	Wall (mm)
6	1.0
8	1.0
10	1.0
10	2.0
12	1.0
15	1.0
15	1.5
15	2.0
18	1.5
25	1.5
50	2.0

O/D (in)	Wall (swg)
1/8	25
3/16	22
1/4	20
1/4	18
1/4	16
5/16	20
3/8	20
3/8	18
3/8	16
1/2	18
1/2	16

O/D (in)	Wall (swg)
5/8	20
5/8	18
5/8	16
3/4	20
3/4	18
3/4	16
7/8	18
1	18
1 1/4	18
2	16

Seamless Tube

ASTM A269

316L

O/D (mm)	Wall (mm)
6	0.5
6	1.0
6	1.5
8	1.0
8	1.5
10	1.0
10	1.5
10	2.0
12	1.0
12	1.5
12	2.0

O/D (mm)	Wall (mm)
14	1.5
14	2.0
15	1.0
15	1.5
15	2.0
16	1.5
16	2.0
18	1.5
20	1.5
20	2.0
22	1.5

O/D (mm)	Wall (mm)
25	1.5
25	2.0
25	2.5
25	3.0
30	1.5
30	2.0
30	3.0
38	3.0
38	4.0

Seamless Tube

ASTM A269

316L

O/D (in)	Wall (swg)	Wall (in)
1/8	24	
1/8	22	
1/8	20	
3/16	24	
3/16	22	
3/16	20	
3/16	18	
1/4	22	
1/4	20	
1/4	18	
1/4	16	
5/16	22	
5/16	20	
5/16	18	
5/16	16	
3/8	22	
3/8	20	
3/8	16	
3/8	14	
3/8		1/8
7/16	20	
1/2	22	
1/2	20	
1/2	18	
1/2	16	
1/2	14	

O/D (in)	Wall (swg)	Wall (in)
1/2		1/8
5/8	20	
5/8	18	
5/8	16	
5/8	14	
5/8		1/8
3/4	20	
3/4	18	
3/4	16	
3/4	14	
3/4	12	
3/4		1/8
3/4		3/16
7/8	18	
7/8	16	
7/8	14	
7/8		1/8
1	20	
1	18	
1	16	
1	14	
1	12	
1	10	
1		3/16
1		1/4
1 1/8	16	

O/D (in)	Wall (swg)	Wall (in)
1 1/4	18	
1 1/4	16	
1 1/4	14	
1 1/4		1/8
1 3/8	16	
1 1/2	16	
1 1/2	14	
1 1/2		1/4
1 1/2		1/8
1 3/4	16	
1 3/4		1/8
2	16	
2	14	
2		1/8
2		1/4
2 1/4	16	
2 1/4	10	
2 1/4		1/4
2 1/2	16	
2 1/2		1/8
2 1/2		1/4
3	16	
3	14	
3	10	
3		1/4
4		1/4

O/D (in)	Wall (mm)	Weight per metre (Kg)
½	1.2	0.35
½	1.5	0.42
⅝	1.2	0.44
⅝	1.5	0.54
¾	1.2	0.53
¾	1.5	0.66
⅞	1.2	0.63
⅞	1.5	0.77
⅞	2	1.00
1	1.2	0.73
1	1.5	0.90
1	2	1.17
1	3	1.68
1⅛	1.5	1.00
30mm	2	1.40
1¼	1.2	0.92
1¼	1.5	1.14
1⅜	1.2	1.02
32mm	2	1.50
1½	1.2	1.11
1½	1.5	1.38
1½	2	1.81
1½	3	2.64
1¾	1.5	1.62
50mm	2.5	2.99
50mm	3	3.55
2	1.2	1.49
2	1.5	1.85
2	2	2.44
2	3	3.59
2½	1.5	2.33
3	1.5	2.80
3	2	3.71
3	3	5.49
4	1.5	3.76
4	3	7.41

Welded Ornamental Tube

MIRROR POLISHED

600 GRIT

304L / 304

316L / 316

Welded Tube

SATIN POLISHED
320 GRIT
304L / 304
316L / 316

O/D (in)	Wall (mm)	Weight per metre (Kg)
½	1.2	0.36
½	1.5	0.42
16mm	1.5	0.55
20mm	1.5	0.70
22mm	1.5	0.77
¾	1.5	0.66
⅞	1.5	0.77
1	1.5	0.90
30mm	2	1.40
1¼	1.5	1.14
1½	1.2	1.05
1½	1.5	1.38
1½	3	2.63
35mm	1.5	1.26
40mm	1.5	1.45
50mm	1.5	1.82
2	1.5	1.85
2	2	2.44
2	3	3.59

Welded Tube

DESCALED
MILL FINISH

O/D (mm)	Wall (mm)	Weight per metre (Kg)
22mm	1.5	0.77
50mm	3	5.53

Hygienic Tube

WELDED, ANNEALED
POLISHED
BA & DESCALED
304L & 316L

O/D (in)	Wall (swg)	Weight per metre (Kg)
¾	16	0.70
1	16	0.99
1½	16	1.51
2	16	1.88
2½	16	2.49
3	16	3.01
4	16	4.03
4	14	4.98

Hygienic Tube

WELDED, POLISHED
& DESCALED
304L & 316L
(NOT ANNEALED)

O/D (in)	Wall (mm)	Weight per metre (Kg)
1	1.5	0.90
1½	1.5	1.38
2	1.5	1.85
2½	1.5	2.34
3	1.5	2.81

Hygienic Fittings

304L & 316L

RJT & DIN Hexagon Nuts
RJT & DIN Weld Liners
RJT & DIN Weld Males
RJT & DIN Joint Rings
RJT & DIN Weld Unions
RJT & DIN Blank Caps
RJT Hose Liners
RJT Blank Nut & Chain
IDF Hex Nuts
IDF Weld Liners
IDF Weld Males
IDF Joint Rings
IDF Weld Unions

ISO 90° Bends Polished
ISO 45° Bends Polished
ISO 90° Bends Descaled
ISO 45° Bends Descaled
Bends are available in long and short type
Equal Tee Polished
Equal Tee Descaled
Pulled Tee Polished
Pulled Tee Descaled
Pulled Red. Tee Polished
Pulled Red. Tee Descaled
Hinged Pipe Clips

Square Tube

WELDED
DULL POLISHED
304

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
12.7 x 12.7	1.20	0.44
12.7 x 12.7	1.50	0.55
15 x 15	1.20	0.53
15 x 15	1.50	0.65
20 x 20	1.20	0.71
20 x 20	1.50	0.88
20 x 20	2.00	1.19
25 x 25	1.20	0.92
25 x 25	1.50	1.14
25 x 25	2.00	1.49
25 x 25	3.00	2.20
30 x 30	1.20	1.10
30 x 30	1.50	1.37
30 x 30	2.00	1.84
30 x 30	3.00	2.72

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
40 x 40	1.20	1.49
40 x 40	1.50	1.85
40 x 40	2.00	2.45
40 x 40	3.00	3.75
50 x 50	1.50	2.32
50 x 50	2.00	3.08
50 x 50	3.00	4.65
60 x 60	2.00	3.71
60 x 60	3.00	5.49
70 x 70	3.00	6.53
80 x 80	2.00	4.98
80 x 80	3.00	7.53
100 x 100	2.00	6.40
100 x 100	3.00	9.53

Handrail Section

WELDED, UNANNEALED
DULL POLISHED
+ FITTINGS (see Page 75)
304 & 316

O/D (mm)	Wall (mm)	Weight per metre (kg)
42.40 x	2.5	2.49
48.30 x	2.5	2.86
60.30 x	2.5	3.61

O/D (in)	Wall (mm)	Weight per metre (kg)
1½	3.00	2.62
2	3.00	3.57
3	3.00	5.47
4	3.00	7.38

Square Tube

WELDED
UNPOLISHED
304

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
12.7 x 12.7	1.20	0.44
12.7 x 12.7	1.50	0.55
40 x 40	4.00	4.80
50 x 50	4.00	5.96
50 x 50	5.00	7.41
60 x 60	4.00	7.22
60 x 60	5.00	8.90
80 x 80	4.00	9.82
80 x 80	5.00	12.39
100 x 100	4.00	12.40
100 x 100	5.00	15.38
100 x 100	6.00	17.50
100 x 100	8.00	21.60

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
120 x 120	5.00	18.66
120 x 120	6.00	21.20
150 x 150	4.00	18.60
150 x 150	5.00	23.00
150 x 150	6.00	31.20
150 x 150	8.00	34.30
150 x 150	10.00	41.65
200 x 200	5.00	30.80
200 x 200	6.00	36.90
200 x 200	8.00	47.25
200 x 200	10.00	57.60
250 x 250	8.00	59.90
250 x 250	10.00	73.50

Rectangular Tube

WELDED
UNPOLISHED
304

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
80 x 40	4.00	7.22
80 x 40	5.00	8.90
100 x 50	4.00	9.09
100 x 50	5.00	11.30
120 x 60	3.00	8.39
120 x 60	4.00	11.10
120 x 60	5.00	13.75
120 x 80	3.00	9.54
120 x 80	4.00	12.40
120 x 80	5.00	15.38
150 x 50	3.00	9.53
150 x 50	5.00	15.38
150 x 80	3.00	10.70
150 x 100	3.00	11.70

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
150 x 100	4.00	15.40
150 x 100	5.00	18.80
150 x 100	6.00	22.60
150 x 100	8.00	27.90
200 x 100	4.00	18.60
200 x 100	5.00	22.60
200 x 100	6.00	27.40
200 x 100	8.00	34.30
200 x 100	10.00	41.65
200 x 150	6.00	36.90
200 x 150	8.00	41.34
300 x 100	8.00	47.25
250 x 150	6.00	36.90
250 x 150	8.00	47.25

Rectangular Tube

WELDED
DULL POLISHED
304

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
20 x 10	1.50	0.44
30 x 10	1.20	0.71
30 x 10	1.50	0.90
30 x 15	1.50	0.76
30 x 20	1.50	1.14
40 x 15	1.50	1.25
40 x 20	1.20	1.10
40 x 20	1.50	1.37
40 x 20	2.00	1.84
50 x 25	1.20	1.41
50 x 25	1.50	1.75
50 x 25	2.00	2.31
50 x 25	3.00	3.75
50 x 30	1.50	1.85
50 x 30	3.00	3.61
60 x 20	1.50	1.85
60 x 20	2.00	2.45
60 x 30	2.00	2.80
60 x 30	3.00	4.13
60 x 40	1.50	2.32

Dimensions (mm)	Wall (mm)	Weight per metre (kg)
60 x 40	2.00	3.08
60 x 40	3.00	4.65
80 x 40	1.50	2.80
80 x 40	2.00	3.71
80 x 40	3.00	5.49
80 x 40	4.00	7.22
80 x 40	5.00	8.94
80 x 60	3.00	6.53
100 x 40	1.50	3.29
100 x 40	3.00	6.53
100 x 50	2.00	4.68
100 x 50	3.00	6.95
100 x 50	4.00	9.09
100 x 50	5.00	11.30
100 x 60	3.00	7.53
120 x 60	3.00	8.12
120 x 80	3.00	9.53
150 x 100	3.00	11.70
150 x 100	5.00	18.80

Righton Blackburns are proud to be the sole UK distributor of Steel Color® - Italy's leading stainless steel specialists in both the INCO and PVD colour process. With advanced technology and unique design and polishing techniques, Righton Blackburns can provide its customers with stainless steel patterns, finishes and custom creations.

Enabling stainless steel to be offered in a vast range, Steel Color® sheets feature brilliant colours including silver, satinising finishes, embossed patterns and etched textures combining to create a product with options limited only by imagination.

EXCEPTIONAL PERFORMANCE

Not only has Steel Color®, electro-coloured stainless steel, outstanding aesthetic quality, but it also maintains the essential characteristics of the stainless steel material, being equally resistant to corrosion and with the ability to be worked by many processes.

A performance material with different grades formulated for different applications, stainless steel is well known to guarantee permanence, provide hygienic qualities and have outstanding durability, while satisfying all mechanical and thermal requirements.

Steel Color® delivers decoration as well as utility and with a colouring process that does not involve pigments it can be used for external applications without being susceptible to UV degradation.

APPLICATIONS

Steel Color® has a variety of applications and is ideal for use in the construction industry, in particular façades, the global lift industry and architectural interior applications for urban design.

OTHER PRODUCTS

Although stainless steel is the main focus of our product range, brass, bronze, copper and aluminium can also be crafted with equal care and precision on a made-to-order basis.

For further information on the full range of colours and sizes available please contact your local service centre

Handrail System, Fixtures & Fittings

PRO-RAILING - Stainless steel modular system

Righton Blackburns has recently extended its stock of stainless steel architectural products to include the Pro-Railing range of stainless steel fixtures and fittings, including the complete range of handrail fittings.

Righton Blackburns Pro-Railing is a stylish, durable and cost effective stainless steel handrailing component system designed with ease of installation in mind.

The comprehensive range of components allows you to specify and install without the need for fabrication and maximises on-site flexibility for those changes that inevitably arise.

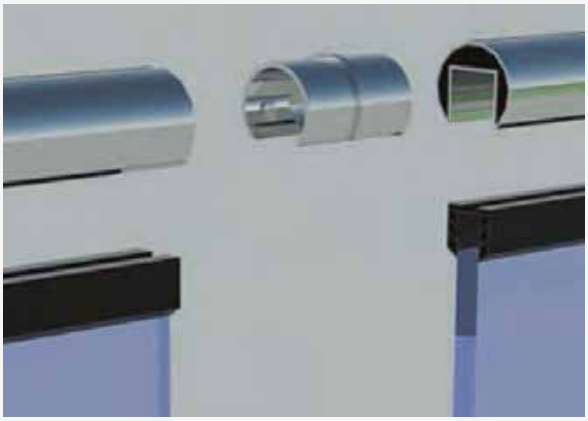
The system enables the most stylish of handrailing and balustrades to be constructed quickly and simply by the contractor. All you have to do is cut, glue or screw to create professional results every time.

Specifiers can be assured that component design and range flexibility means installation by a competent installer is a straight forward process.

We offer a range of infill solutions using glass with glass clamps, wire rope, round and decorative bars. We can also manufacture infill panels incorporating perforated metal, wire mesh and wire rope netting.

The extensive Pro-Railing range is available in 304 and 316 to suit internal and external applications, you can be sure Pro-Railing quality and product care will ensure stunning results.

Full details and installation instructions are available from your local service centre



RIGHTON BLACKBURNS
METALS AND PLASTICS

Copper Alloys

Copper Alloys

Righton Blackburns range of copper alloys includes brass, copper and bronzes which are widely used in many applications and industries.

Our local stocks are enhanced by our central facility and hold all of the frequently required forms of copper and copper alloys including sheet, plate, machining rod and hollow rod, flat bar, hexagon bar and tube.

We offer a complete range of fabrication and processing services including machining bar, pipe and tube cutting throughout our nationwide network of service centres.

Brass Round Bar CW614N/CZ121M

FREE MACHINING BRASS

3M LENGTHS

EN 12164

Diameter (inches unless specified)	Weight per metre (Kg)
3mm	0.06
1/8	0.07
3/16	0.15
5/32	0.10
4mm	0.11
5mm	0.17
7/32	0.21
6mm	0.24
1/4	0.27
7mm	0.33
9/32	0.34
5/16	0.42
8mm	0.43
11/32	0.51
9mm	0.54
3/8	0.61
10mm	0.67
13/32	0.17
15/32	0.95
7/16	0.82
12mm	0.96
1/2	1.08
13mm	1.13
17/32	1.22
9/16	1.36
14mm	1.31
15mm	1.50
5/8	1.63
16mm	1.71
21/32	1.86
17mm	1.92
11/16	2.04
18mm	2.16
23/32	2.23
3/4	2.42
20mm	2.67
13/16	2.84
22mm	3.23
7/8	3.30
15/16	3.79
29/32	3.53
24mm	3.84

Diameter (inches unless specified)	Weight per metre (Kg)
25mm	4.17
1	4.31
1 1/16	4.86
26mm	4.51
28mm	5.23
1 1/8	5.45
30mm	6.01
1 3/16	6.07
1 1/4	6.73
1 5/16	7.42
1 3/8	8.14
35mm	8.18
36mm	8.65
1 7/16	8.90
1 1/2	9.69
40mm	10.70
1 5/8	11.40
1 3/4	13.20
1 7/8	15.10
50mm	16.70
2	17.20
2 1/8	19.40
2 1/4	21.80
60mm	24.00
2 3/8	24.30
2 1/2	26.90
65mm	28.21
2 5/8	29.70
2 3/4	32.60
3	38.80
3 1/4	45.50
3 1/2	52.80
4	68.90
4 1/4	77.80
4 1/2	87.20
130mm	108.00
140mm	129.00
155mm	155.00
180mm	210.00
205mm	281.00
230mm	353.00
255mm	434.00

Brass Round Bar CW606N/CZ131

RIVETING QUALITY BRASS
3M LENGTHS
EN 12164

Diameter (inches unless specified)	Weight per metre (Kg)
3/16	0.15
5mm	0.17
1/4	0.27
5/16	0.42
3/8	0.61
10mm	0.66

Diameter (in)	Weight per metre (Kg)
7/16	0.82
1/2	1.08
5/8	1.68
3/4	2.42
7/8	3.30
1	4.31

Brass Round Bar CW721R & 722R/CZ114M

HIGH TENSILE BRASS / MANGANESE BRONZE
3M LENGTHS
EN 12163

Diameter (in)	Weight per metre (Kg)
3/16	0.15
1/4	0.27
5/16	0.42
3/8	0.61
7/16	0.82
1/2	1.08
9/16	1.32
5/8	1.68
11/16	1.97
3/4	2.42
13/16	2.75
7/8	3.30

Diameter (in)	Weight per metre (Kg)
1	4.31
1 1/8	5.45
1 1/4	6.73
1 3/8	8.14
1 1/2	9.69
1 3/4	13.20
2	17.20
2 1/4	21.80
2 1/2	26.90
2 3/4	32.60
3	38.80
4	68.90

Brass Round Bar CW712R/CZ112

NAVAL BRASS
3M LENGTHS *
EN 12163

Diameter (in)	Weight per metre (Kg)
3/16	0.15
1/4	0.27
5/16	0.42
3/8	0.61
1/2	1.08
9/16	1.36
5/8	1.67
3/4	2.42
7/8	3.28
1	4.31

Diameter (in)	Weight per metre (Kg)
1 1/4	6.73
1 1/2	9.69
1 5/8	11.30
1 3/4	13.11
2	17.20
2 1/4	21.70
2 1/2	26.90
3	38.80
4	68.90

* Bars over 3 inches in diameter may vary in length

Brass Hexagon CW614N/CZ121M

FREE MACHINING BRASS

3M LENGTHS

EN 12164

Size AF (inches unless specified)	Weight per metre (Kg)
0.248	0.29
5mm	0.18
¼	0.30
6mm	0.27
7mm	0.36
5/16	0.46
8mm	0.47
0.324	0.50
3/8	0.67
10mm	0.74
11mm	0.89
0.445	0.94
7/16	0.91
12mm	1.06
½	1.19
13mm	1.24
0.525	1.31
14mm	1.44
9/16	1.50
15mm	1.65
0.60	1.71
5/8	1.86
16mm	1.88
17mm	2.13
11/16	2.24
18mm	2.37
0.71	2.39
19mm	2.66
¾	2.67
13/16	3.14
20mm	2.95
0.820	3.19
22mm	3.56

Size AF (inches unless specified)	Weight per metre (Kg)
7/8	3.69
0.920	4.02
15/16	4.17
24mm	4.24
25mm	4.58
1	4.75
1.010	4.84
1 1/16	5.36
1.100	5.76
1 1/8	6.01
30mm	6.63
1.200	6.84
1 ¼	7.42
32mm	7.54
1.300	8.03
1 5/16	8.29
1 3/8	8.98
36mm	9.54
1.480	10.40
1 ½	10.70
1 5/8	12.50
41mm	12.40
1.670	13.20
1 ¾	14.50
1.860	16.40
46mm	15.60
50mm	18.40
2.050	19.90
2.200	23.00
2 ½	29.70
65mm	31.10
2 ¾	35.90
3	42.70

Brass Angle CW624N/CZ130

12 FT LENGTHS

EN 12167

Size (in)	Weight per metre (Kg)
½ x ½ x ⅛	0.30
¾ x ¾ x ⅛	0.94
1 x 1 x ⅛	1.29
1¼ x 1¼ x ⅛	1.63
1½ x 1½ x ⅛	1.97
1½ x 1½ x 3⁄16	2.89

Size (in)	Weight per metre (Kg)
1½ x 1½ x ¼	3.77
2 x 2 x ⅛	2.66
2 x 2 x 3⁄16	3.99
2 x 2 x ¼	5.14
2½ x 2½ x ¼	6.43
3 x 3 x 1¼	7.71

Brass Square CW614N/CZ121M

FREE MACHINING BRASS

3M LENGTHS

EN 12164

Size (in)	Weight per metre (Kg)
⅛	0.09
3⁄16	0.19
¼	0.34
5⁄16	0.54
⅜	0.77
7⁄16	1.05
½	1.37
⅝	2.14
¾	3.08
⅞	4.20

Size (in)	Weight per metre (Kg)
1	5.48
1¼	8.57
1½	12.30
1¾	16.80
2	21.90
2¼	27.80
2½	34.00
2¾	41.50
3	49.40

Brass Tube CW508L/CZ108

HALF HARD

5M LENGTHS

EN 12449

Size (in)	Weight per metre (Kg)
⅜ O/D x 20 swg	0.21
⅜ O/D x 18 swg	0.27
½ O/D x 20 swg	0.29
½ O/D x 18 swg	0.37
½ O/D x 16 swg	0.48
⅝ O/D x 20 swg	0.37
⅝ O/D x 16 swg	0.62
¾ O/D x 16 swg	0.75
¾ O/D x 20 swg	0.44
¾ O/D x 18 swg	0.58
⅞ O/D x 20 swg	0.52
1 O/D x 20 swg	0.59
1 O/D x 18 swg	0.78
1 O/D x 16 swg	1.03

Size (in)	Weight per metre (Kg)
1 O/D x 10 swg	1.91
1¼ O/D x 16 swg	1.30
1½ O/D x 20 swg	0.90
1½ O/D x 18 swg	1.19
1½ O/D x 16 swg	1.57
1½ O/D x 10 swg	3.03
1¾ O/D x 16 swg	1.85
2 O/D x 20 swg	1.22
2 O/D x 18 swg	1.60
2 O/D x 16 swg	2.12
2 O/D x 10 swg	4.13
2½ O/D x 16 swg	2.67
3 O/D x 16 swg	3.22

Brass Flat Bar CW614N/CZ121

FREE MACHINING BRASS

12 FT LENGTHS

EN 12167

Size (in)	Weight per metre (Kg)
⅜ x ⅛	0.26
⅜ x 3⁄16	0.38
⅜ x ¼	0.52
½ x ⅛	0.34
½ x 3⁄16	0.50
½ x ¼	0.69
½ x 5⁄16	0.83
½ x ⅜	1.03
⅝ x ⅛	0.43
⅝ x ¼	0.86
⅝ x ⅜	1.29
⅝ x ½	1.71
¾ x ⅛	0.51
¾ x 3⁄16	0.77
¾ x ¼	1.03
¾ x 5⁄16	1.28
¾ x ⅜	1.54
¾ x ½	2.06
¾ x ⅝	2.55
1 x ⅛	0.69
1 x 3⁄16	1.03
1 x ¼	1.37
1 x 5⁄16	1.72
1 x ⅜	2.06
1 x ½	2.74
1 x ⅝	3.45
1 x ¾	4.11
1¼ x ⅛	0.85
1¼ x ¼	1.71
1¼ x ⅜	2.57
1¼ x ½	3.43
1¼ x ¾	5.14
1¼ x 1	6.85
1½ x ⅛	1.03
1½ x 3⁄16	1.54
1½ x ¼	2.06
1½ x ⅜	3.08
1½ x ½	4.11

Size (in)	Weight per metre (Kg)
1½ x ⅝	5.15
1½ x ¾	6.11
1½ x 1	8.23
1¾ x ½	4.75
2 x ⅛	1.37
2 x 3⁄16	2.06
2 x ¼	2.74
2 x ⅜	4.11
2 x ½	5.48
2 x ⅝	6.79
2 x ¾	8.17
2 x 1	11.00
2 x 1¼	13.75
2 x 1½	16.30
2½ x ¼	3.43
2½ x ⅜	5.08
2½ x ½	6.86
2½ x ¾	10.02
2½ x 1	13.60
2½ x 1¼	17.03
2½ x 1½	20.30
2½ x 1¾	23.73
3 x ⅛	2.06
3 x ¼	4.11
3 x ⅜	6.17
3 x ½	8.23
3 x 1	16.50
3 x 1½	24.70
3 x 2	32.90
4 x ⅛	2.74
4 x ¼	5.48
4 x ⅜	8.17
4 x ½	11.00
4 x ¾	16.30
4 x 1	21.90
4 x 1½	32.70
4 x 2	43.90

Brass Sheet CW508L-H095/ CZ108-H/H

EN 1652

Size	Weight per sheet (Kg)
2m x 1m x 0.45mm	8.00
4' x 2' x 26 swg	2.90
2m x 1m x 0.55mm *	9.30
4' x 2' x 0.55mm	3.45
2m x 1m x 0.7mm *	11.80
4' x 2' x 0.7mm	4.40
8' x 1m x 0.9mm	19.00
2m x 1m x 0.9mm *	15.20
4' x 2' x 0.9mm	5.65
2.5m x 1.25m x 1.2mm	31.72
8' x 1mm x 1.2mm *	25.00
2m x 1m x 1.2mm *	20.30
4' x 2' x 18 swg	7.54
2.5m x 1.25m x 1.5mm	39.53
4' x 2' x 16 swg	10.00

Size	Weight per sheet (Kg)
8' x 1m x 1.5mm *	31.00
2m x 1m x 1.5mm *	25.30
2.5m x 1.25m x 2mm	52.81
2m x 1m x 2mm *	33.80
4' x 2' x 2mm	12.60
2m x 1m x 2.5mm *	42.25
4' x 2' x 12 swg	16.70
2m x 1m x 3mm *	50.70
2.5m x 1.25m x 3mm	79.21
4' x 2' x 3mm	19.18
4' x 2' x 10 swg	20.40
2m x 1m x 4mm	67.60
2m x 1m x 5mm	86.00
2m x 1m x 3⁄16"	80.00
2m x 1m x 1⁄4"	107.00

* Also stocked Bright Polished and Plastic Coated one side

Brass Sheet CW505L/CZ106

70/30 SOFT
SPINNING QUALITY
EN 1652

Size	Weight per sheet (Kg)
2m x 1m x 0.45mm	8.00
2m x 1m x 0.55mm	9.30
4' x 2' x 24 swg	3.45
2m x 1m x 0.7mm	11.80
2m x 1m x 0.9mm	15.20

Size	Weight per sheet (Kg)
4' x 2' x 20 swg	5.65
2m x 1m x 1.2mm	20.30
4' x 2' x 18 swg	7.54
2m x 1m x 1.6mm	27.00
2m x 1m x 2mm	33.83

Copper Round Bar CW004A/C101

HARD DRAWN
HIGH CONDUCTIVITY
4M - 4.2M LENGTHS
EN 13601

Diameter (inches unless specified)	Weight per metre (Kg)
¼	0.28
5/16	0.44
⅜	0.63
10mm	0.70
12mm	1.01
½	1.13
⅝	1.76
16mm	1.79
20mm	2.80
¾	2.54
⅞	3.45
25mm	4.39
1	4.51
1⅛	5.71
30mm	6.32

Diameter (inches unless specified)	Weight per metre (Kg)
1¼	7.05
1⅜	8.53
1½	10.00
40mm	11.20
1⅝	11.90
1¾	13.80
45mm	14.10
50mm	17.40
2	18.00
2¼	22.80
2½	28.20
2¾	34.10
3	40.60
3¼	45.30
4	72.20

Copper Round Bar CW114C/C111

HARD
3M - 3.2M LENGTHS
EN 12614

Diameter (in)	Weight per metre (Kg)
½	1.13
¾	2.54
1	4.51

Copper Flat Bar CW004A/C101

HARD DRAWN
HIGH CONDUCTIVITY
RADIUS EDGE
4M - 4.2M LENGTHS
EN 13601

Size (inches unless specified)	Weight per metre (Kg)
½ x ⅛	0.36
½ x 3⁄16	0.54
½ x ¼	0.72
⅝ x ⅛	0.45
¾ x ⅛	0.54
¾ x 3⁄16	0.81
¾ x ¼	1.08
20mm x 5mm	0.89
20mm x 6mm	1.07
20mm x 10mm	1.78
25mm x 3mm	0.67
25mm x 5mm	1.11
25mm x 6mm	1.34
25mm x 10mm	2.22
1 x ⅛	0.72
1 x 3⁄16	1.08
1 x ¼	1.44
1 x ½	2.87
30mm x 3mm	0.80
30mm x 5mm	1.34
30mm x 6mm	1.61
30mm x 10mm	2.67
1¼ x ⅛	0.90
1¼ x 3⁄16	1.35
1¼ x ¼	1.79
1½ x ⅛	1.08
1½ x ¼	2.15
1½ x ⅜	3.23
1½ x ½	4.31
40mm x 5mm	1.78
40mm x 6mm	2.14
40mm x 8mm	2.85
40mm x 10mm	3.56
50mm x 3mm	1.34
50mm x 5mm	2.23

Size (inches unless specified)	Weight per metre (Kg)
50mm x 6mm	2.67
50mm x 8mm	3.57
50mm x 10mm	4.45
2 x ⅛	1.44
2 x 3⁄16	2.15
2 x ¼	2.87
2 x ⅜	4.31
2 x ½	5.74
2 x ¾	8.61
60mm x 6mm	3.20
60mm x 10mm	5.34
2½ x ¼	5.59
2½ x ⅜	5.38
2½ x ½	7.18
3 x ¼	4.31
3 x ⅜	6.46
3 x ½	8.61
80mm x 10mm	7.12
80mm x 12mm	8.54
100mm x 6mm	5.34
100mm x 10mm	8.90
100mm x 12mm	10.60
4 x ¼	5.74
4 x ⅜	8.61
4 x ½	11.50
120mm x 6mm	6.42
120mm x 10mm	10.70
5 x ¼	7.18
5 x ½	14.30
150mm x 6mm	8.02
150mm x 10mm	13.40
6 x ¼	8.61
6 x ½	17.20
160mm x 10mm	14.20
200mm x 10mm	17.80

Copper Sheet CW024A/C106

HALF HARD
EN 1652

Size	Weight per sheet (Kg)
2m x 1m x 0.55mm	9.79
4' x 2' x 24 swg	3.64
2m x 1m x 0.7mm	12.50
4' x 2' x 22 swg	4.63
2m x 1m x 0.9mm	16.00
4' x 2' x 20 swg	5.95
2.5 x 1.25m x 1.2mm	33.30
2m x 1m x 1.2mm	21.40
4' x 2' x 18 swg	7.94
2.5m x 1.25m x 1.5mm	41.70
2m x 1m x 1.5mm	26.72
4' x 2' x 16 swg	10.60
2.5m x 1.25m x 2mm	55.60
2m x 1m x 2mm	35.60

Size	Weight per sheet (Kg)
4' x 2' x 14 swg	13.20
2m x 1m x 2.5mm	44.50
4' x 2' x 12 swg	17.46
2.5m x 1.25m x 3mm	83.40
2m x 1m x 3mm	53.40
4' x 2' x 10 swg	21.50
2m x 1m x 4mm	74.00
4' x 2' x 3/16	31.50
2m x 1m x 5mm	89.00
2m x 1m x 6mm	106.00
2.5m x 1.25m x 6mm	174.00
2.5m x 1.25m x 8mm	235.00
2.5m x 1.25m x 10mm	289.00

Copper Sheet CW004A/C101

HALF HARD
EN 1652

Size	Weight per sheet (Kg)
2m x 1m x 0.9mm	16.00
4' x 2' x 20 swg	5.94
2m x 1m x 1.2mm	21.40
2m x 1m x 1.5mm	26.70
1200 x 600 x 1.6mm	10.20

Size	Weight per sheet (Kg)
2m x 1m x 2mm	35.60
1200 x 600 x 2mm	12.80
2m x 1m x 3mm	53.40
4' x 2' x 10 swg	21.50
2m x 1m x 4mm	74.00

Copper Tube CW024A/C106

HALF HARD
6M LENGTHS
EN 12449

Size (in)	Weight per metre (Kg)
¼ O/D x 20 swg	0.14
¼ O/D x 18 swg	0.17
⅜ O/D x 20 swg	0.22
⅜ O/D x 18 swg	0.29
½ O/D x 20 swg	0.30
½ O/D x 18 swg	0.39
½ O/D x 16 swg	0.50
⅝ O/D x 20 swg	0.38
¾ O/D x 20 swg	0.46
¾ O/D x 18 swg	0.61
¾ O/D x 16 swg	0.79

Size (in)	Weight per metre (Kg)
⅞ O/D x 20 swg	0.54
⅞ O/D x 16 swg	0.94
⅞ O/D x 18 swg	0.72
1 O/D x 20 swg	0.63
1 O/D x 18 swg	0.83
1 O/D x 16 swg	1.08
1¼ O/D x 16 swg	1.37
1½ O/D x 16 swg	1.66
2 O/D x 16 swg	2.24
2½ O/D x 16 swg	2.81

Aluminium Bronze Round Bar

DEFSTAN 02-833
(NES 833)
CA104 / BSB23
CW307G

Diameter (in)	Weight per metre (Kg)
⅜	0.56
½	0.97
⅝	1.52
¾	2.19
⅞	2.97
1	3.88
1⅛	4.89
1¼	6.10
1⅜	7.32
1½	8.73
1⅝	10.24
1¾	11.88
1⅞	13.65
2	15.52
2⅛	17.52
2¼	19.66
2⅜	21.95

Diameter (in)	Weight per metre (Kg)
2½	24.28
2⅝	26.48
2¾	29.36
3	34.95
3¼	41.01
3½	47.57
3¾	54.62
4	62.15
4¼	70.20
4½	78.68
120mm	85.80
4¾	87.64
5	97.12
130mm	100.70
5¼	107.10
5½	117.53

Aluminium Bronze Hexagon

DEFSTAN 02-833
(NES 833)

Diameter (in)	Weight per metre (Kg)
13mm	1.11
17mm	1.90
19mm	2.37
22mm	3.18
27mm	4.79
30mm	5.91
36mm	8.52
46mm	12.63
0.92	3.61
0.937	3.72
1.01	4.40
1.1	5.15

Diameter (in)	Weight per metre (Kg)
1.125	5.38
1.2	6.23
1.3	7.28
1.3125	7.30
1.48	9.19
1.625	11.22
1.67	11.81
1.86	14.76
2.05	17.84
2.2	21.30
2.22	21.46

Leaded Gunmetal Round Bar

C93200 (SAE 660)

Diameter (in)	Weight per metre (Kg)
½	0.11
⅝	1.97
¾	2.83
⅞	3.67
1	4.92
1¼	7.54
1½	10.77
1⅝	12.69
1¾	14.58
2	18.92
2¼	23.23
2½	29.32
2¾	34.74

Diameter (in)	Weight per metre (Kg)
3	42.42
3¼	48.23
3½	57.23
3¾	48.23
4	75.75
4½	95.95
5	118.20
5½	142.60
6	169.10
6½	169.10
7	229.50
7½	256.57
8	292.00

Phosphor Bronze Round Bar

CW451K (PB102)

Diameter (in)	Weight per metre (Kg)
5/32	0.11
3/16	0.15
¼	0.27
5/16	0.43
⅜	0.62
7/16	0.84
½	1.09
⅝	1.69
¾	2.43
⅞	3.30
1	4.33
1⅛	5.48
1¼	6.77
1⅜	8.19
1½	9.74

Diameter (in)	Weight per metre (Kg)
1⅝	11.41
1¾	13.23
2	17.47
2⅛	19.59
2¼	21.92
2½	27.07
2¾	32.83
3	38.99
3¼	45.75
3½	53.03
3¾	61.92
4	70.45
4¼	79.53
4½	89.16

C63000 / AMS4640 Round Bar

ASTM B150

Diameter (in)	Weight per metre (Kg)
1½	8.73
2	15.52
2¼	19.66
2½	24.28
2¾	29.36
3	34.95
3¼	41.01

Diameter (in)	Weight per metre (Kg)
3½	47.57
3¾	54.62
4	62.15
4¼	70.20
4½	78.78
5	97.12
5¼	107.10

70/30 Copper Nickel Round Bar

DEFSTAN 02-780 / 879

Diameter (mm)	Weight per metre (Kg)
25	4.35
30	6.28
35	8.60
40	11.14
45	14.10
50	17.50
55	21.12
60	25.20
65	29.52
70	34.41
75	39.50
80	44.82
85	50.74

Diameter (mm)	Weight per metre (Kg)
90	56.80
95	62.85
105	76.75
110	84.23
120	100.25
130	117.65
140	136.26
160	178.21
170	201.20
180	225.55
200	278.46
230	368.26

NES 835 High Strength Copper Nickel Round Bar

DEFSTAN 02-835

Diameter (in)	Weight per metre (Kg)
1¼	7.18
1½	10.2
1⅞	17.0
2	18.2
2¼	22.1
2½	28.8
65mm	29.5
2¾	34.5
3"	41.0

Diameter (in)	Weight per metre (Kg)
80mm	44.8
90mm	56.8
95mm	62.85
4	69.7
4¼	79.0
4½	88.2
135mm	127.0
6	157.0
6½	190.0

70/30 Copper Nickel Round Tube

DEFSTAN 02-780

Description	Weight per metre (Kg)
6mm O/D x 1mm Wall	0.15
8mm O/D x 1.5mm Wall	0.29
12mm O/D x 0.8mm Wall	0.27
12mm O/D x 3mm Wall	0.80
12mm O/D x 2.5mm Wall	0.71
16mm O/D x 3mm Wall	1.17
16mm O/D x 1.5mm Wall	0.50
20mm O/D x 1mm Wall	0.57
20mm O/D x 3.5mm Wall	1.73
25mm O/D x 1.5mm Wall	1.06
30mm O/D x 1.5mm Wall	1.28
30mm O/D x 2mm Wall	1.68
30mm O/D x 4mm Wall	3.11
30mm O/D x 5mm Wall	3.74
38mm O/D x 1.5mm Wall	1.64
38mm O/D x 2.5mm Wall	2.60
38mm O/D x 5mm Wall	4.94
38mm O/D x 6.5mm Wall	6.13
44.5mm O/D x 1.5mm Wall	1.94
44.5mm O/D x 4mm Wall	4.85
50mm O/D x 6.5mm Wall	8.46
50mm O/D x 8.5mm Wall	9.92
57mm O/D x 1.5mm Wall	2.50
57mm O/D x 9.5mm Wall	13.54
76mm O/D x 10.5mm Wall	19.34
76.1mm O/D x 2mm Wall	4.45
76.1mm O/D x 6mm Wall	12.58
88.9mm O/D x 2.5mm Wall	6.48
108mm O/D x 2.5mm Wall	7.91
108mm O/D x 7.5mm Wall	22.55

90/10 Copper Nickel Round Tube

DEFSTAN 02-779

Description	Weight per metre (Kg)
6mm O/D x 0.8mm Wall	0.11
6mm O/D x 1mm Wall	0.14
8mm O/D x 0.7mm Wall	0.14
8mm O/D x 0.8mm Wall	0.16
8mm O/D x 1mm Wall	0.20
12mm O/D x 0.8mm Wall	0.25
12mm O/D x 1mm Wall	0.31
16mm O/D x 1mm Wall	0.42
16mm O/D x 1.5mm Wall	0.63
20mm O/D x 1mm Wall	0.53
20mm O/D x 2mm Wall	1.01
25mm O/D x 1.5mm Wall	0.99
25mm O/D x 2mm Wall	1.29
30mm O/D x 1.5mm Wall	1.20
30mm O/D x 2mm Wall	1.57
38mm O/D x 1.5mm Wall	1.53
38mm O/D x 2mm Wall	2.01
44.5mm O/D x 1.5mm Wall	1.80
44.5mm O/D x 2mm Wall	2.38
57mm O/D x 1.5mm Wall	2.33
57mm O/D x 1mm Wall	3.07
76.1mm O/D x 2mm Wall	4.14
76.1mm O/D x 2.5mm Wall	5.14
88.9mm O/D x 2.5mm Wall	6.04
88.9mm O/D x 3mm Wall	7.21
108mm O/D x 2.5mm Wall	7.37
108mm O/D x 3mm Wall	8.80
133mm O/D x 2.5mm Wall	9.21
133mm O/D x 3mm Wall	10.90
159mm O/D x 2.5mm Wall	10.93
159mm O/D x 3mm Wall	13.08

70/30 Copper Nickel Round Tube

DEFSTAN 02-780

Description	Weight per metre (Kg)
6mm O/D x 1mm Wall	0.15
8mm O/D x 1.5mm Wall	0.29
12mm O/D x 0.8mm Wall	0.27
12mm O/D x 3mm Wall	0.80
12mm O/D x 2.5mm Wall	0.71
16mm O/D x 3mm Wall	1.17
16mm O/D x 1.5mm Wall	0.50
20mm O/D x 1mm Wall	0.57
20mm O/D x 3.5mm Wall	1.73
25mm O/D x 1.5mm Wall	1.06
30mm O/D x 1.5mm Wall	1.28
30mm O/D x 2mm Wall	1.68
30mm O/D x 4mm Wall	3.11
30mm O/D x 5mm Wall	3.74
38mm O/D x 1.5mm Wall	1.64
38mm O/D x 2.5mm Wall	2.60
38mm O/D x 5mm Wall	4.94
38mm O/D x 6.5mm Wall	6.13
44.5mm O/D x 1.5mm Wall	1.94
44.5mm O/D x 4mm Wall	4.85
50mm O/D x 6.5mm Wall	8.46
50mm O/D x 8.5mm Wall	9.92
57mm O/D x 1.5mm Wall	2.50
57mm O/D x 9.5mm Wall	13.54
76mm O/D x 10.5mm Wall	19.34
76.1mm O/D x 2mm Wall	4.45
76.1mm O/D x 6mm Wall	12.58
88.9mm O/D x 2.5mm Wall	6.48
108mm O/D x 2.5mm Wall	7.91
108mm O/D x 7.5mm Wall	22.55

90/10 Copper Nickel Round Tube

DEFSTAN 02-779

Description	Weight per metre (Kg)
6mm O/D x 0.8mm Wall	0.11
6mm O/D x 1mm Wall	0.14
8mm O/D x 0.7mm Wall	0.14
8mm O/D x 0.8mm Wall	0.16
8mm O/D x 1mm Wall	0.20
12mm O/D x 0.8mm Wall	0.25
12mm O/D x 1mm Wall	0.31
16mm O/D x 1mm Wall	0.42
16mm O/D x 1.5mm Wall	0.63
20mm O/D x 1mm Wall	0.53
20mm O/D x 2mm Wall	1.01
25mm O/D x 1.5mm Wall	0.99
25mm O/D x 2mm Wall	1.29
30mm O/D x 1.5mm Wall	1.20
30mm O/D x 2mm Wall	1.57
38mm O/D x 1.5mm Wall	1.53
38mm O/D x 2mm Wall	2.01
44.5mm O/D x 1.5mm Wall	1.80
44.5mm O/D x 2mm Wall	2.38
57mm O/D x 1.5mm Wall	2.33
57mm O/D x 1mm Wall	3.07
76.1mm O/D x 2mm Wall	4.14
76.1mm O/D x 2.5mm Wall	5.14
88.9mm O/D x 2.5mm Wall	6.04
88.9mm O/D x 3mm Wall	7.21
108mm O/D x 2.5mm Wall	7.37
108mm O/D x 3mm Wall	8.80
133mm O/D x 2.5mm Wall	9.21
133mm O/D x 3mm Wall	10.90
159mm O/D x 2.5mm Wall	10.93
159mm O/D x 3mm Wall	13.08

Commercial 90/10 Copper Nickel Round Tube

5.5M LENGTHS

Description	Weight per metre (Kg)
16mm O/D x 1mm Wall	0.42
20mm O/D x 1mm Wall	0.53
25mm O/D x 1.5mm Wall	0.99
30mm O/D x 1.5mm Wall	1.19
38mm O/D x 1.5mm Wall	1.53
44.5mm O/D x 1.5mm Wall	1.80
57mm O/D x 1.5mm Wall	2.33
76mm O/D x 2mm Wall	4.14
76mm O/D x 2.5mm Wall	5.14
89mm O/D x 2mm Wall	4.86
89mm O/D x 2.5mm Wall	6.04
108mm O/D x 2.5mm Wall	7.37
133mm O/D x 2.5mm Wall	9.21
159mm O/D x 2.5mm Wall	10.93
219mm O/D x 3mm Wall	18.12

NES 837 Copper Tube

DEFSTAN 02-878

Description	Weight per metre (Kg)
22mm O/D x 2mm WALL COPPER H/H	0.698
42mm O/D x 1.5mm WALL COPPER H/H	1.720
54mm O/D x 2mm WALL COPPER H/H	2.950

90/10 Copper Nickel Fittings

CONCENTRIC REDUCERS

Description
25 x 1.5mm / 20 x 1.5mm CRED 90/10
44.5 x 1.5mm / 38 x 1.5mm CRED 90/10
57 x 1.5mm / 44.5 x 1.5mm CRED 90/10
76 x 2mm / 44.5 x 1.5mm CRED 90/10
76 x 2mm / 57 x 1.5mm CRED 90/10
89 x 2.5mm / 57 x 2mm CRED 90/10
108 x 2.5mm / 89 x 2mm CRED 90/10
108 x 2.5mm / 89 x 2.5mm CRED 90/10
133 x 2.5mm / 108 x 2.5mm CRED 90/10
159 x 2.5mm / 108 x 2.5mm CRED 90/10
159 x 2.5mm / 133 x 2.5mm CRED 90/10
219 x 3mm / 159 x 2.5mm CRED 90/10

90/10 Copper Nickel Fittings

TYPE S INNER FLANGE (WELD NECK / END STUBS)

Description
20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER
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20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER
20 x 1.5mm TYPE S INNER

90/10 Copper Nickel Fittings

GALVANISED STEEL OUTER FLANGES

Description
20mm O/D GALV OUTER
25mm O/D GALV OUTER
30mm O/D GALV OUTER
38mm O/D GALV OUTER
44.5mm O/D GALV OUTER
57mm O/D GALV OUTER
76mm O/D GALV OUTER
89mm O/D GALV OUTER
108mm O/D GALV OUTER
133mm O/D GALV OUTER
159mm O/D GALV OUTER
219mm O/D GALV OUTER
367mm O/D GALV OUTER

90/10 Copper Nickel Fittings

90 DEGREE LONG RADIUS ELBOWS

Description
25 x 1.5mm 90° LR ELBOWS
30 x 1.5mm 90° LR ELBOWS
38 x 1.5mm 90° LR ELBOWS
38 x 2mm 90° LR ELBOWS
44.5 x 1.5mm 90° LR ELBOWS
44.5 x 2mm 90° LR ELBOWS
57 x 1.5mm 90° LR ELBOWS
57 x 2mm 90° LR ELBOWS
57 x 2.5mm 90° LR ELBOWS
76 x 2mm 90° LR ELBOWS
89 x 2.5mm 90° LR ELBOWS
108 x 2.5mm 90° LR ELBOWS
133 x 2.5mm 90° LR ELBOWS
159 x 2.5mm 90° LR ELBOWS
219 x 3mm 90° LR ELBOWS
267 x 3mm 90° LR ELBOWS

90/10 Copper Nickel Fittings

45 DEGREE LONG RADIUS ELBOWS

Description
30 x 1.5mm 45° LR ELBOWS
38 x 1.5mm 45° LR ELBOWS
44.5 x 1.5mm 45° LR ELBOWS
57 x 1.5mm 45° LR ELBOWS
57 x 2.5mm 45° LR ELBOWS
76 x 2mm 45° LR ELBOWS
89 x 2mm 45° LR ELBOWS
89 x 2.5mm 45° LR ELBOWS
108 x 2.5mm 45° LR ELBOWS
133 x 2.5mm 45° LR ELBOWS
159 x 2.5mm 45° LR ELBOWS
219 x 3mm 45° LR ELBOWS

90/10 Copper Nickel Fittings

TEE PIECES

Description
44.5mm O/D x 1.5mm TEE PCE
57mm O/D x 1.5mm TEE PCE
76mm O/D x 2mm TEE PCE
89mm O/D x 2.5mm TEE PCE
108mm O/D x 2.5mm TEE PCE
133mm O/D x 2.5mm TEE PCE
159mm O/D x 2.5mm TEE PCE
219mm O/D x 3mm TEE PCE

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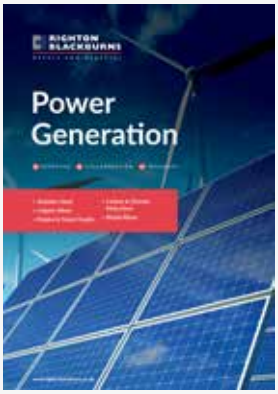

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METALS AND PLASTICS

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