



DIAMOND WELD & WEAVES

PRODUCT CATALOGUE

Precision-manufactured wire mesh, sheet, and fencing for construction, security, industrial, and architectural applications.

WELDED MESH

WOVEN WIRE MESH

EXPANDED METAL

PERFORATED SHEET

CHAIN LINK MESH

CHICKEN (HEXAGONAL) MESH

CONCERTINA, BARBED TAPE & SHADE NET

Manufactured in India. **Trusted globally.**

180 varieties · 7 product families



INTRODUCTION

THE DWW RANGE

This catalogue presents our standard range of mesh, sheet, and fencing products. Every variety carries a simple part number so it is easy to reference, quote, and reorder. Custom apertures, wire diameters, panel sizes, and finishes are available on request - talk to our team for anything not listed here.

MADE TO STANDARD

Manufactured to the specification and finish your project requires - mild steel, galvanised, stainless 304/316, or aluminium - with consistent quality control on aperture and wire.

BROAD RANGE, ONE SOURCE

Welded and woven mesh, expanded and perforated sheet, chain link, chicken mesh, concertina and ancillary products - all from a single supplier.

FAST, HELPFUL RESPONSE

We reply to enquiries within 24 hours with availability and specification help, and support custom manufacturing to drawing.

HOW TO READ A PART NUMBER

WM-MS-01

Product family · Material · Variety number

PRODUCT FAMILY

WM	Welded Mesh
WV	Woven Wire Mesh
EM	Expanded Metal
PF	Perforated Sheet
CL	Chain Link
CK	Chicken / Hex Mesh
CC	Concertina / Barbed / Shade Net

MATERIAL

MS	Mild Steel
GI	Galvanised Iron
SS	Stainless Steel
AL	Aluminium

e.g. **CL-GI-03** = Chain Link, Galvanised, variety 03

WM

WELDED MESH

54 varieties · Mild Steel / Galvanised Iron / Stainless Steel



Precision resistance-welded grid with a wire joined at every intersection - strong, dimensionally stable, and ideal for reinforcement, security, enclosures, and machine guarding.

MILD STEEL — 31 VARIETIES			
PART NO	APERTURE / OPENING	WIRE Ø	ROLL WIDTH
WM-MS-01	25 × 25 mm	2.4 mm	3 ft 0.91 m
WM-MS-02	25 × 25 mm	2.6 mm	3 ft 0.91 m
WM-MS-03	25 × 25 mm	2.9 mm	3 ft 0.91 m
WM-MS-04	30 × 30 mm	2.4 mm	3 ft 0.91 m
WM-MS-05	30 × 30 mm	2.6 mm	3 ft 0.91 m
WM-MS-06	30 × 30 mm	2.9 mm	3 ft 0.91 m
WM-MS-07	30 × 30 mm	3.4 mm	3 ft 0.91 m
WM-MS-08	55 × 55 mm	2.4 mm	3 ft 0.91 m
WM-MS-09	55 × 55 mm	2.6 mm	3 ft 0.91 m
WM-MS-10	55 × 55 mm	2.9 mm	3 ft 0.91 m
WM-MS-11	55 × 55 mm	3.4 mm	3 ft 0.91 m
WM-MS-12	55 × 55 mm	4.5 mm	3 ft 0.91 m
WM-MS-13	75 × 75 mm	2.9 mm	3 ft 0.91 m
WM-MS-14	75 × 75 mm	3.4 mm	3 ft 0.91 m
WM-MS-15	75 × 75 mm	4.2 mm	3 ft 0.91 m
WM-MS-16	2 × 1 in	2.4 mm	3 ft 0.91 m

WM-MS-17	2 × 1 in	2.6 mm	3 ft 0.91 m
WM-MS-18	2 × 1 in	2.9 mm	3 ft 0.91 m
WM-MS-19	2 × 1 in	3.4 mm	3 ft 0.91 m
WM-MS-20	3 × 1 in	2 mm	3 ft 0.91 m
WM-MS-21	3 × 1 in	2.4 mm	3 ft 0.91 m
WM-MS-22	3 × 1 in	2.6 mm	3 ft 0.91 m
WM-MS-23	3 × 1 in	2.9 mm	3 ft 0.91 m
WM-MS-24	3 × 1 in	3.4 mm	3 ft 0.91 m
WM-MS-25	4 × 4 in	3 mm	3 ft 0.91 m
WM-MS-26	4 × 4 in	3.4 mm	3 ft 0.91 m
WM-MS-27	4 × 4 in	4.5 mm	3 ft 0.91 m
WM-MS-28	1/2"	1.6 mm	3 ft 0.91 m
WM-MS-29	1/2"	1.8 mm	3 ft 0.91 m
WM-MS-30	1/2"	2.2 mm	3 ft 0.91 m
WM-MS-31	12 mm	16 G	3 ft 0.91 m
GALVANISED IRON — 17 VARIETIES			
PART NO	APERTURE / OPENING	WIRE Ø	ROLL WIDTH
WM-GI-01	25 × 25 mm	2.4 mm	3 ft 0.91 m
WM-GI-02	25 × 25 mm	2.6 mm	3 ft 0.91 m
WM-GI-03	25 × 25 mm	2.9 mm	3 ft 0.91 m
WM-GI-04	30 × 30 mm	2.4 mm	3 ft 0.91 m
WM-GI-05	30 × 30 mm	2.6 mm	3 ft 0.91 m
WM-GI-06	30 × 30 mm	2.9 mm	3 ft 0.91 m
WM-GI-07	30 × 30 mm	3.4 mm	3 ft 0.91 m

WM-GI-08	55 × 55 mm	2.4 mm	3 ft 0.91 m
WM-GI-09	55 × 55 mm	2.6 mm	3 ft 0.91 m
WM-GI-10	55 × 55 mm	2.9 mm	3 ft 0.91 m
WM-GI-11	1/2"	1.6 mm	3 ft 0.91 m
WM-GI-12	1/2"	1.8 mm	3 ft 0.91 m
WM-GI-13	1/2"	2.2 mm	3 ft 0.91 m
WM-GI-14	1/2"	1 mm	3 ft 0.91 m
WM-GI-15	1/2"	1.2 mm	3 ft 0.91 m
WM-GI-16	12 mm	16 G	3 ft 0.91 m
WM-GI-17	12 mm	18 G	3 ft 0.91 m
STAINLESS STEEL — 6 VARIETIES			
PART NO	APERTURE / OPENING	WIRE Ø	ROLL WIDTH
WM-SS-01	25 × 25 mm	2 mm	3 ft 0.91 m
WM-SS-02	25 × 25 mm	2.4 mm	3 ft 0.91 m
WM-SS-03	25 × 25 mm	3 mm	3 ft 0.91 m
WM-SS-04	50 × 50 mm	2.5 mm	3 ft 0.91 m
WM-SS-05	1/2"	1.6 mm	3 ft 0.91 m
WM-SS-06	1/2"	1.8 mm	3 ft 0.91 m

Aperture in mm unless marked" (inches); 1/2" = 12.7 mm. Wire Ø in mm or gauge (G).

WV

WOVEN WIRE MESH

62 varieties · Galvanised Iron / Stainless Steel / Aluminium



Precision-woven warp and weft wires forming uniform openings for filtration, screening, sieving, insect screens, and architectural infill. Specified by mesh count (openings per inch) and wire gauge.

GALVANISED IRON — 25 VARIETIES			
PART NO	MESH	GAUGE · WIRE Ø	ROLL WIDTH
WV-GI-01	4 mesh	16 G	3 ft 0.91 m
WV-GI-02	5 mesh	18 G	3 ft 0.91 m
WV-GI-03	8 mesh	19 G	4 ft 1.22 m
WV-GI-04	10 mesh	19 G	4 ft 1.22 m
WV-GI-05	12 mesh	19 G	4 ft 1.22 m
WV-GI-06	4 mesh	20 G	3 ft 0.91 m
WV-GI-07	6 mesh	20 G	3 ft 0.91 m
WV-GI-08	8 mesh	20 G	3 ft 0.91 m
WV-GI-09	8 mesh	20 G	3 ft 0.91 m
WV-GI-10	10 mesh	20 G	3 ft 0.91 m
WV-GI-11	8 mesh	22 G	3 ft 0.91 m
WV-GI-12	12 mesh	22 G	3 ft 0.91 m
WV-GI-13	8 mesh	24 G	3 ft 0.91 m
WV-GI-14	10 mesh	24 G	3 ft 0.91 m
WV-GI-15	20 mesh	24 G	3 ft 0.91 m
WV-GI-16	14 mesh	26 G	3 ft 0.91 m

WV-GI-17	16 mesh	26 G	3 ft 0.91 m
WV-GI-18	20 mesh	26 G	3 ft 0.91 m
WV-GI-19	24 mesh	26 G	3 ft 0.91 m
WV-GI-20	20 mesh	28 G	3 ft 0.91 m
WV-GI-21	24 mesh	28 G	3 ft 0.91 m
WV-GI-22	30 mesh	28 G	3 ft 0.91 m
WV-GI-23	24 mesh	30 G	3 ft 0.91 m
WV-GI-24	30 mesh	30 G	3 ft 0.91 m
WV-GI-25	40 mesh	32 G	3 ft 0.91 m

STAINLESS STEEL — 35 VARIETIES			
PART NO	MESH	GAUGE · WIRE Ø	ROLL WIDTH
WV-SS-01	80 mesh	-	1 m
WV-SS-02	100 mesh	42 G	1 m
WV-SS-03	14 mesh	26 G	1 m
WV-SS-04	16 mesh	24 G	3 ft 0.91 m
WV-SS-05	16 mesh	26 G	3 ft 0.91 m
WV-SS-06	16 mesh	28 G	3 ft 0.91 m
WV-SS-07	24 mesh	28 G	3 ft 0.91 m
WV-SS-08	3 mesh	16 G	1 m
WV-SS-09	4 mesh	16 G	3 ft 0.91 m
WV-SS-10	4 mesh	18 G	1 m
WV-SS-11	40 mesh	32 G	1 m
WV-SS-12	60 mesh	36 G	1 m
WV-SS-13	8 mesh	20 G	3 ft 0.91 m
WV-SS-14	7 mesh	21 G	1 m
WV-SS-15	8 mesh	21 G	1 m
WV-SS-16	8 mesh	22 G	1 m

WV-SS-17	20 mesh	26 G · 0.45 mm	4 ft 1.22 m
WV-SS-18	20 mesh	36 G · 0.18 mm	4 ft 1.22 m
WV-SS-19	40 mesh	38 G · 0.15 mm	4 ft 1.22 m
WV-SS-20	40 mesh	36 G · 0.18 mm	4 ft 1.22 m
WV-SS-21	40 mesh	36 G · 0.18 mm	1 m
WV-SS-22	60 mesh	38 G	1 m
WV-SS-23	100 mesh	42 G	4 ft 1.22 m
WV-SS-24	200 mesh	42 G	4 ft 1.22 m
WV-SS-25	60 mesh	38 G	3 ft 0.91 m
WV-SS-26	60 mesh (twill)	34 G · 0.22 mm	4 ft 1.22 m
WV-SS-27	60 mesh	36 G · 0.18 mm	3 ft 0.91 m
WV-SS-28	150 mesh	46 G	4 ft 1.22 m
WV-SS-29	200 mesh	48 G	4 ft 1.22 m
WV-SS-30	40 mesh	36 G	1 m
WV-SS-31	100 mesh	600 G	1 m
WV-SS-32	30 mesh	30 G	1 m
WV-SS-33	30 mesh	32 G	1 m
WV-SS-34	40 mesh	34 G	1 m
WV-SS-35	18 mesh	16 G	3 ft 0.91 m
ALUMINIUM — 2 VARIETIES			
PART NO	MESH	GAUGE · WIRE Ø	ROLL WIDTH
WV-AL-01	14 mesh	14 G	3 ft 0.91 m
WV-AL-02	18 mesh	16 G	3 ft 0.91 m

Mesh = openings per inch; gauge in SWG (see Technical Resources for gauge-to-mm).

E M

EXPANDED METAL

12 varieties · Mild / GI / SS

A single sheet slit and stretched into a rigid one-piece diamond pattern - excellent strength-to-weight for walkways, guards, screens, and facades.

PART NO	OPENING	GAUGE	SHEET / ROLL SIZE
EM-MS-01	1/4"	16 G	4 ft 1.22 m
EM-MS-02	1/4"	18 G	4 ft 1.22 m
EM-MS-03	3/4"	12 G	3 ft 0.91 m
EM-MS-04	3/8"	12 G	3 ft 0.91 m
EM-MS-05	3/8"	10 G	3 ft 0.91 m
EM-MS-06	3/4"	10 G	3 ft 0.91 m
EM-GI-01	4"	-	15 M
EM-GI-02	6"	-	15 M
EM-SS-01	1/4"	18 G	-
EM-SS-02	1/16"	18 G	4 ft 1.22 m
EM-SS-03	1/4"	18 G	4 ft 1.22 m
EM-SS-04	1/2"	14 G	4 ft 1.22 m

PF

PERFORATED SHEET

13 varieties · Mild Steel



Flat sheet CNC-punched to a controlled open area for screening, ventilation, acoustic, and architectural use. Listed by material thickness and sheet size.

PART NO	THICKNESS	SHEET SIZE
PF-MS-01	1 mm	3 ft × 8 ft
PF-MS-02	1 mm	4 ft × 8 ft
PF-MS-03	1.2 mm	3 ft × 8 ft
PF-MS-04	1.2 mm	4 ft × 8 ft
PF-MS-05	1.5 mm	3 ft × 8 ft
PF-MS-06	1.5 mm	4 ft × 8 ft
PF-MS-07	2 mm	3 ft × 8 ft
PF-MS-08	2 mm	4 ft × 8 ft
PF-MS-09	3 mm	3 ft × 8 ft
PF-MS-10	3 mm	4 ft × 8 ft
PF-MS-11	1 mm	4 ft 1.22 m
PF-MS-12	1.2 mm	4 ft 1.22 m
PF-MS-13	1.5 mm	4 ft 1.22 m

CL

CHAIN LINK MESH

21 varieties · Galvanised Iron



Woven diamond mesh in galvanised steel - the versatile, cost-effective choice for boundaries, sports grounds, and industrial perimeters.

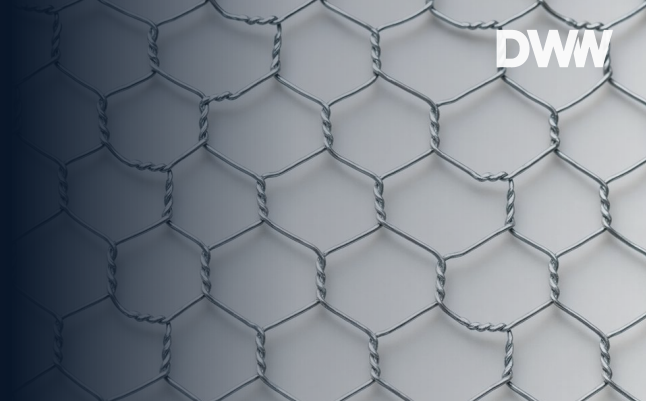
PART NO	APERTURE / OPENING	WIRE Ø	ROLL WIDTH
CL-GI-01	50 × 50 mm	2.5 mm	3 ft × 50 ft
CL-GI-02	50 × 50 mm	2.9 mm	3 ft × 50 ft
CL-GI-03	50 × 50 mm	3.2 mm	3 ft × 50 ft
CL-GI-04	50 × 50 mm	3.5 mm	3 ft × 50 ft
CL-GI-05	50 × 50 mm	3.8 mm	3 ft × 50 ft
CL-GI-06	50 × 50 mm	4 mm	3 ft × 50 ft
CL-GI-07	65 × 65 mm	2.5 mm	3 ft × 50 ft
CL-GI-08	65 × 65 mm	2.9 mm	3 ft × 50 ft
CL-GI-09	65 × 65 mm	3.2 mm	3 ft × 50 ft
CL-GI-10	65 × 65 mm	3.5 mm	3 ft × 50 ft
CL-GI-11	65 × 65 mm	3.8 mm	3 ft × 50 ft
CL-GI-12	65 × 65 mm	4 mm	3 ft × 50 ft
CL-GI-13	75 × 75 mm	2.5 mm	3 ft × 50 ft
CL-GI-14	75 × 75 mm	2.9 mm	3 ft × 50 ft
CL-GI-15	75 × 75 mm	3.2 mm	3 ft × 50 ft
CL-GI-16	75 × 75 mm	3.5 mm	3 ft × 50 ft
CL-GI-17	75 × 75 mm	3.8 mm	3 ft × 50 ft
CL-GI-18	75 × 75 mm	4 mm	3 ft × 50 ft
CL-GI-19	50 × 50 mm	3 mm	3 ft × 50 ft
CL-GI-20	65 × 65 mm	3 mm	3 ft × 50 ft
CL-GI-21	75 × 75 mm	3 mm	3 ft × 50 ft

Aperture in mm unless marked" (inches); 1/2" = 12.7 mm. Wire Ø in mm or gauge (G).

CK

CHICKEN (HEXAGONAL) MESH

7 varieties · Galvanised Iron



Light hexagonal galvanised netting for poultry, gardens, plaster reinforcement, and general light-duty enclosure.

PART NO	APERTURE	GAUGE	ROLL WIDTH
CK-GI-01	1/2"	20 G	3 ft 0.91 m
CK-GI-02	1/2"	20 G	4 ft 1.22 m
CK-GI-03	1/2"	20 G	5 ft 1.52 m
CK-GI-04	1/2"	20 G	6 ft 1.83 m
CK-GI-05	1/2"	20 G	7 ft 2.13 m
CK-GI-06	1/2"	20 G	8 ft 2.44 m
CK-GI-07	1/2"	27 G	3 ft 0.91 m

CONCERTINA, BARBED TAPE & SHADE NET

11 varieties · Galvanised

Perimeter deterrents and ancillary products - concertina coils, barbed tape, binding wire, and shade netting.

PART NO	SPECIFICATION		SIZE / COVERAGE
CC-GI-01	450 mm	-	1.5 ft
CC-GI-02	600 mm	-	2 ft
CC-GI-03	18 SWG	-	-
CC-GI-04	16 SWG	-	-
CC-GI-05	12 × 12	-	20 ft/kg
CC-GI-06	12 × 14	-	24 ft/kg
CC-GI-07	14 × 14	-	30 ft/kg
CC-GI-08	0.5	-	3 m
CC-GI-09	0.5	-	1.5 m
CC-GI-10	0.5	-	2 m
CC-GI-11	0.75	-	3 m

TECHNICAL RESOURCES

Quick conversions for the units used across this catalogue. Wire is commonly specified by gauge (SWG / BWG); the table gives the equivalent wire diameter in millimetres.

LENGTH CONVERSIONS

UNIT	EQUALS	ALSO
1 inch	25.4 mm	2.54 cm
1 foot	304.8 mm	0.3048 m
1 metre	1000 mm	3.281 ft / 39.37 in
1 mm	0.03937 in	0.1 cm
1 cm	10 mm	0.3937 in

STANDARD ROLL WIDTHS

ROLL WIDTH	METRIC
3 ft	0.914 m
4 ft	1.219 m
5 ft	1.524 m
6 ft	1.829 m
8 ft	2.438 m
50 ft	15.24 m
1 m	3.281 ft

WIRE GAUGE TO MILLIMETRES

GAUGE	SWG (MM)	BWG (MM)
8 G	4.064	4.191
9 G	3.658	3.759
10 G	3.251	3.404
11 G	2.946	3.048
12 G	2.642	2.769
13 G	2.337	2.413
14 G	2.032	2.108
15 G	1.829	1.829
16 G	1.626	1.651
17 G	1.422	1.473
18 G	1.219	1.245
19 G	1.016	1.067
20 G	0.914	0.889
21 G	0.813	0.813
22 G	0.711	0.711
23 G	0.610	0.635
24 G	0.559	0.559

SWG = Standard Wire Gauge · BWG = Birmingham Wire Gauge. Nominal wire diameters.



GET IN TOUCH

DIAMOND WELD & WEAVES

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All specifications are indicative and offered as a guide to our standard range; apertures, wire diameters, sheet and roll sizes, and finishes can be manufactured to your requirement. Confirm exact specifications, tolerances, and compliance before ordering. Prices are quoted separately on request. · Manufactured in India. Trusted globally.