

Technical Particulars For Galvanised Steel Chain Link Fence Fabric

Schedule 1: Galvanised Steel Chain Link Fence Fabric with both ends of the fabric twisted.

Specification:

Galvanised Steel Chain Link Fence Fabric with both ends of the fabric twisted conforming to IS: 2721:2003 (2nd Revisiopn) in rolls.

SUB ITEM CODE NO. GSLFF038001 to GSLFF038028

Unit Kg.

Sl.No.	Mesh size in mm	Nominal dia of mesh wire in mm	Dia of line wire in mm	No. of wire up and including of 2 m width	No. of wire above 2 m width
1	25 +/-3	2.00	2.5	2	3
2	25 +/-3	2.50	3.15	2	3
3	25 +/-3	3.15	4.00	2	3
4	40 +/-4	2.00	2.5	2	3
5	40 +/-4	2.50	3.15	2	3
6	40 +/-4	3.15	4.00	2	3
7	40 +/-4	4.00	4.50	2	3
8	50 +/-4	2.50	3.15	2	3
9	50 +/-4	3.15	4.00	2	3
10	50 +/-4	4.00	4.50	2	3
11	50 +/-4	4.50	5.00	2	3
12	63 +/-4	3.15	4.00	2	3
13	63 +/-4	4.00	4.50	2	3
14	63 +/-4	4.50	5.00	2	3
15	75 +/-4	3.15	4.00	2	3
16	75 +/-4	4.00	4.50	2	3
17	75 +/-4	4.50	5.00	2	3
18	75 +/-4	5.00	5.50	2	3
19	100 +/-5	3.15	4.00	2	3
20	100 +/-5	4.00	4.50	2	3
21	100 +/-5	4.50	5.00	2	3
22	100 +/-5	5.00	5.50	2	3
23	125 +/-5	4.00	4.50	2	3
24	125 +/-5	4.50	5.00	2	3
25	125 +/-5	5.00	5.50	2	3
26	150 +/-5	4.00	4.50	2	3
27	150 +/-5	4.50	5.00	2	3
28	150 +/-5	5.00	5.50	2	3

SUB ITEM CODE NO. GSLFF038029 to GSLFF038056

Schedule 2: Galvanised Steel Chain Link Fence Fabric with one end of the fabric knuckled and other end twisted.

Specification: Galvanised Steel Chain Link Fence Fabric with one end of the fabric knuckled and other twisted conforming to IS: 2721:2003 (2nd Revision) in rolls.

Sl.No.	Mesh size in mm	Nominal dia of mesh wire in mm	Dia of line wire in mm	No. of wire up and including of 2 m width	No. of wire above 2 m width
1	25 +/-3	2.00	2.5	2	3
2	25 +/-3	2.50	3.15	2	3
3	25 +/-3	3.15	4.00	2	3
4	40 +/-4	2.00	2.5	2	3
5	40 +/-4	2.50	3.15	2	3
6	40 +/-4	3.15	4.00	2	3
7	40 +/-4	4.00	4.50	2	3
8	50 +/-4	2.50	3.15	2	3
9	50 +/-4	3.15	4.00	2	3
10	50 +/-4	4.00	4.50	2	3
11	50 +/-4	4.50	5.00	2	3
12	63 +/-4	3.15	4.00	2	3
13	63 +/-4	4.00	4.50	2	3
14	63 +/-4	4.50	5.00	2	3
15	75 +/-4	3.15	4.00	2	3
16	75 +/-4	4.00	4.50	2	3
17	75 +/-4	4.50	5.00	2	3
18	75 +/-4	5.00	5.50	2	3
19	100 +/-5	3.15	4.00	2	3
20	100 +/-5	4.00	4.50	2	3
21	100 +/-5	4.50	5.00	2	3
22	100 +/-5	5.00	5.50	2	3
23	125 +/-5	4.00	4.50	2	3
24	125 +/-5	4.50	5.00	2	3
25	125 +/-5	5.00	5.50	2	3
26	150 +/-5	4.00	4.50	2	3
27	150 +/-5	4.50	5.00	2	3
28	150 +/-5	5.00	5.50	2	3

SUB ITEM CODE NO. GSLFF038057 to GSLFF038084

Schedule 3: Galvanised Steel Chain Link Fence Fabric with both end of the fabric Knuckled.

Specification: Galvanised Steel Chain Link Fence Fabric with both ends of the fabric knuckled conforming to IS:2721:2003 (2nd Revision) in rolls.

Unit Kg

Sl.No.	Mesh size in mm	Nominal dia of mesh wire in mm	Dia of line wire in mm	No. of wire up and including of 2 m width	No. of wire above 2 m width
1	25 +/-3	2.00	2.5	2	3
2	25 +/-3	2.50	3.15	2	3
3	25 +/-3	3.15	4.00	2	3
4	40 +/-4	2.00	2.5	2	3
5	40 +/-4	2.50	3.15	2	3
6	40 +/-4	3.15	4.00	2	3
7	40 +/-4	4.00	4.50	2	3
8	50 +/-4	2.50	3.15	2	3
9	50 +/-4	3.15	4.00	2	3
10	50 +/-4	4.00	4.50	2	3
11	50 +/-4	4.50	5.00	2	3
12	63 +/-4	3.15	4.00	2	3
13	63 +/-4	4.00	4.50	2	3
14	63 +/-4	4.50	5.00	2	3
15	75 +/-4	3.15	4.00	2	3
16	75 +/-4	4.00	4.50	2	3
17	75 +/-4	4.50	5.00	2	3
18	75 +/-4	5.00	5.50	2	3
19	100 +/-5	3.15	4.00	2	3
20	100 +/-5	4.00	4.50	2	3
21	100 +/-5	4.50	5.00	2	3
22	100 +/-5	5.00	5.50	2	3
23	125 +/-5	4.00	4.50	2	3
24	125 +/-5	4.50	5.00	2	3
25	125 +/-5	5.00	5.50	2	3
26	150 +/-5	4.00	4.50	2	3
27	150 +/-5	4.50	5.00	2	3
28	150 +/-5	5.00	5.50	2	3

SUB ITEM CODE NO. GSLFF038085 to GSLFF038112**Schedule 4: Galvanised Steel Chain Link Fence Fabric with both ends of the fabric without knuckling and twisting**

Specification -Galvanised Steel Chain Link Fence Fabric with both ends of the fabric without knuckling and twisting conforming to IS:2721:2003 (2nd Revision)in rolls.

Sl.No.	Mesh size in mm	Nominal dia of mesh wire in mm	Dia of line wire in mm	No. of wire up and including of 2 m width	No. of wire above 2 m width
1	25 +/-3	2.00	2.5	2	3
2	25 +/-3	2.50	3.15	2	3
3	25 +/-3	3.15	4.00	2	3
4	40 +/-4	2.00	2.5	2	3
5	40 +/-4	2.50	3.15	2	3
6	40 +/-4	3.15	4.00	2	3
7	40 +/-4	4.00	4.50	2	3
8	50 +/-4	2.50	3.15	2	3
9	50 +/-4	3.15	4.00	2	3
10	50 +/-4	4.00	4.50	2	3
11	50 +/-4	4.50	5.00	2	3
12	63 +/-4	3.15	4.00	2	3
13	63 +/-4	4.00	4.50	2	3
14	63 +/-4	4.50	5.00	2	3
15	75 +/-4	3.15	4.00	2	3
16	75 +/-4	4.00	4.50	2	3
17	75 +/-4	4.50	5.00	2	3
18	75 +/-4	5.00	5.50	2	3
19	100 +/-5	3.15	4.00	2	3
20	100 +/-5	4.00	4.50	2	3
21	100 +/-5	4.50	5.00	2	3
22	100 +/-5	5.00	5.50	2	3
23	125 +/-5	4.00	4.50	2	3
24	125 +/-5	4.50	5.00	2	3
25	125 +/-5	5.00	5.50	2	3
26	150 +/-5	4.00	4.50	2	3
27	150 +/-5	4.50	5.00	2	3
28	150 +/-5	5.00	5.50	2	3

SUB ITEM CODE NO. GSLFF038113 to GSLFF038118

Schedule 5 Heavy coated galvanised Line Wire

Specification: Line wire shall conform to IS:2721:2003 (2nd Revision)& IS:280:1978 (4th Revision)with amdt.No.1 to3 with heavy galvanising conforming to IS:4826:1979 with amdt. No.1 to 3 Reaffirmed 2006 IS:12753:1989. Reaffirmed 2001

Sl. No.	Diameter of Line Wire in mm
1	2.50
2	3.15
3	4.00
4	4.50
5	5.00
6	5.50

NOTES FOR TENDERERS:

1. Fence fabric shall be exclusive of Line wire against Schedule 1 to 4. Dia of line wire and number of rows of line wire shown under Schedule 1 to 4 are for guidance of indenter only. A separate schedule (Schedule-5) covers galvanised Line wire which can be ordered as per requirement of the indenter.
2. The stores are categorized as difficult/complaint prone /safety item, therefore, in case of tenderers registered with NSIC ,their registration shall be based on Capacity report from DGS&D
3. The tenderers shall declare the "weight per square meter" for each item (Fence fabric) schedule wise. Weight of line wire per meter length shall also be declared as per QUESTIONNAIRE attached. Tolerance on weight shall not exceed +/-6 percent.
4. The firms should mark weight on each roll offered for inspection and provide a list indicating the weight of each and every roll offered for inspection along with the inspection call.
5. Registration Status : Registration valid for previous T.E. will be acceptable against this T.E

NOTE TO PURCHASE FOR T/E:

2. Accounting Unit shall be in terms of weight of Fence Fabric.
3. In the last T.P. fence fabric included the Line wire also. However, a separate schedule for Line wire has been made. Purchaser may see the commercial aspect in this regard.

NOTES TO INDENTOR:

1. The DDOs may opt for widths of 0.90 m, 1.20 m, 1.5m, 1.80 m, 2.00 m, 2.50m, 3.00 m and lengths of 5.0m, 10.0m, 15.0m, 20.0m, 25.0 meter or any other width and length without any extra cost.
2. If required, DDOs may opt and indicate their requirement in respect of extra

. General Technical requirement For TE :

1. Fence fabric shall be exclusive of Line wire against Schedule 1 to 4. Dia of line wire and number of rows of line wire shown under Schedule 1 to 4 are for guidance of indenter only. A separate schedule (Schedule-5) covers galvanised Line wire which can be ordered as per requirement of the indenter.
2. MATERIAL :The mesh wire and line wire of the fabric shall be manufactured from ISI marked galvanised steel conforming to IS:280:2006 (4th Revision as per Cl.5 of IS 2721:2003 (2nd Revision).The supplier shall produce original purchase invoice and manufacturer test certificate from wire manufacturer at the time of inspection of the consignment.
3. The firms should mark weight on each roll offered for inspection and provide a list indicating the weight of each and every roll offered for inspection alongwith the inspection call.
4. The stores in question are categorized as difficult/complaint prone /safety item, therefore, in case of tenderers registered with NSIC, special capacity report shall be called for .
5. The DDOs may opt for widths of 0.90 m, 1.20 m, 1.5m, 1.80 m, 2.00 m, 2.50m, 3.00 m and lengths of 5.0m, 10.0m, 15.0m, 20.0m, 25.0m or any other width and length without any extra cost.
6. Tolerance on weight shall not exceed +/-6 percent.
7. Knuckling and twisting as applicable to be carried out at firm's works.
8. The knuckled ends should be of at least 50% of the size of the square mesh and end formation should be strictly as per Figure (1C) Of the ISS.
10. The twisted ends should have at least three firmly completed twists as shown in Figure (1A) of the ISS.
11. **The store shall be inspected by area concern DQA of DGS&D**

TP Approved by

TP Prepared by

**P.K.Lahiri
DD(QA)**

**S.Manoji Rao
Asst. Director (QA) Gr.II**