

# STEEL KRAFTS

G.T. Road, Panipat-132 103  
Haryana, India  
E-mail: [mail@steelkrafts.net](mailto:mail@steelkrafts.net)

Manufactures:  
(S) (K) Brand ISI  
Marked (IS 9537-Part-II)  
ERW Steel Conduits

## TECHNICAL DATASHEET FOR DIA~20MM G.I. CONDUIT PIPE

S. No.	PARAMETER	UNIT	REQUIREMENT	VENDOR DATA
1	Name Of Manufacturer			STEEL KRAFTS G.T. ROAD PANIPAT PIN 132103
2	Ref IS No.		IS : 9537-Part-II-1981	IS: 9537 PART-II-1981
3	Type (Light.Medium.Heavy)			HMS
4	Size	MM	20 MM	20 MM
5	Thickness	MM	1.60 MM	± 0.2 MM
6	Max & Min outside diameter Of tube	MM	20 MM	± 0.00 MM ± 0.30 MM
7	Length of Pipe Bend	Meter	20 MM X 30 Time	600 MM
8	Mass of Tube	Kg./Mtr	0.73 Kg	
9	Tolerance on thickness		Min- 1.40 MM	Max. 1.80 MM
10	Length of Thread		15 MM	± 1.00 MM
11	Tolerance on Length Thread		15 MM	14 MM To 16 MM
12	Tolerance on Mass	Pes	2.16 Kg	
13	Galvanizing thickness	g/mm2	360g/m2	
14	Compression		20 MM	10 % of the OD Forces 750 N.
15	Elongation Percent	%	N/A	
16	Embossing details		Hot marking on every meter Name/ logo of manufacturer, ISI monogram, Color of band	(S) (K) Brands ISI & Embossed on every meter
17	Tests			IS: 9537 PART-II-1981
18	Test on Finished tube		As per IS	IS: 9537 PART-II-1981
19	Threading		As per IS	IS: 9537 PART-II-1981

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## TECHNICAL DATASHEET FOR DIA~25MM G.I. CONDUIT PIPE

S. No.	PARAMETER	UNIT	REQUIREMENT	VENDOR DATA
1	Name Of Manufacturer			STEEL KRAFTS G.T. ROAD PANIPAT PIN 132103
2	Ref IS No.		IS : 9537-Part-II-1981	IS: 9537 PART-II-1981
3	Type (Light.Medium.Heavy)			HMS
4	Size	MM	25 MM	25 MM
5	Thickness	MM	1.60 MM	± 0.2 MM
6	Max & Min outside diameter Of tube	MM	25 MM	± 0.00 MM ± 0.40 MM
7	Length of Pipe Bend	Meter	25 MM X 30 Time	750 MM
8	Mass of Tube	Kg./Mtr	0.93 Kg	
9	Tolerance on thickness		Min- 1.40 MM	Max. 1.80 MM
10	Length of Thread		19 MM	± 1.00 MM
11	Tolerance on Length Thread		19 MM	18 MM To 20 MM
12	Tolerance on Mass	Pes	2.76 Kg	2.49 Kg
13	Galvanizing thickness	g/mm <sup>2</sup>	360g/m <sup>2</sup>	
14	Compression		25 MM	10 % of the OD Forces 750 N.
15	Elongation Percent	%	N/A	N/A
16	Embossing details		Hot marking on every meter Name/ logo of manufacturer, ISI monogram, Color of band	(S) (K) Brands ISI & Embossed on every meter
17	Tests			IS: 9537 PART-II-1981
18	Test on Finished tube		As per IS	IS: 9537 PART-II-1981
19	Threading		As per IS	IS: 9537 PART-II-1981

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## TECHNICAL DATASHEET FOR DIA~32MM G.I. CONDUIT PIPE

S. No.	PARAMETER	UNIT	REQUIREMENT	VENDOR DATA
1	Name Of Manufacturer			STEEL KRAFTS G.T. ROAD PANIPAT PIN 132103
2	Ref IS No.		IS : 9537-Part-II-1981	IS: 9537 PART-II-1981
3	Type (Light.Medium.Heavy)			HMS
4	Size	MM	32 MM	32 MM
5	Thickness	MM	1.60 MM	± 0.2 MM
6	Max & Min outside diameter Of tube	MM	25 MM	± 0.00 MM ± 0.40 MM
7	Length of Pipe Bend	Meter	N/A	N/A
8	Mass of Tube	Kg./Mtr	1.20 Kg	
9	Tolerance on thickness		Min- 1.40 MM	Max. 1.80 MM
10	Length of Thread		19 MM	± 1.00 MM
11	Tolerance on Length Thread		19 MM	18 MM To 20 MM
12	Tolerance on Mass	Pes	3.60 Kg	
13	Galvanizing thickness	g/mm <sup>2</sup>	360g/m <sup>2</sup>	
14	Compression		25 MM	10 % of the OD Forces 750 N.
15	Elongation Percent	%		
16	Embossing details		Hot marking on every meter Name/ logo of manufacturer, ISI monogram, Color of band	(S) (K) Brands ISI & Embossed on every meter
17	Tests			IS: 9537 PART-II-1981
18	Test on Finished tube		As per IS	IS: 9537 PART-II-1981
19	Threading		As per IS	IS: 9537 PART-II-1981

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## TECHNICAL DATASHEET FOR DIA~40MM G.I. CONDUIT PIPE

S. No.	PARAMETER	UNIT	REQUIREMENT	VENDOR DATA
1	Name Of Manufacturer			STEEL KRAFTS G.T. ROAD PANIPAT PIN 132103
2	Ref IS No.		IS : 9537-Part-II-1981	IS: 9537 PART-II-1981
3	Type (Light.Medium.Heavy)			HMS
4	Size	MM	40 MM	40 MM
5	Thickness	MM	1.80 MM	± 0.2 MM
6	Max & Min outside diameter Of tube	MM	40 MM	± 0.00 MM ± 0.40 MM
7	Length of Pipe Bend	Meter	N/A	N/A
8	Mass of Tube	Kg./Mtr	1.70 Kg	
9	Tolerance on thickness		Min- 1.80 MM	1.6 MM to 2 MM
10	Length of Thread		19 MM	± 1.00 MM
11	Tolerance on Length Thread		19 MM	18 MM To 20 MM
12	Tolerance on Mass	Pes	5.1 Kg	
13	Galvanizing thickness	g/mm <sup>2</sup>	360g/m <sup>2</sup>	
14	Compression		25 MM	10 % of the OD Forces 750 N.
15	Elongation Percent	%		
16	Embossing details		Hot marking on every meter Name/ logo of manufacturer, ISI monogram, Color of band	(S) (K) Brands ISI & Embossed on every meter
17	Tests			IS: 9537 PART-II-1981
18	Test on Finished tube		As per IS	IS: 9537 PART-II-1981
19	Threading		As per IS	IS: 9537 PART-II-1981

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## TECHNICAL DATASHEET FOR DIA~50MM G.I. CONDUIT PIPE

S. No.	PARAMETER	UNIT	REQUIREMENT	VENDOR DATA
1	Name Of Manufacturer			STEEL KRAFTS G.T. ROAD PANIPAT PIN 132103
2	Ref IS No.		IS : 9537-Part-II-1981	IS: 9537 PART-II-1981
3	Type (Light.Medium.Heavy)			HMS
4	Size	MM	50 MM	50 MM
5	Thickness	MM	2.0 MM	± 0.2 MM
6	Max & Min outside diameter Of tube	MM	50 MM	± 0.00 MM ± 0.50 MM
7	Length of Pipe Bend	Meter	N/A	N/A
8	Mass of Tube	Kg./Mtr	2.36 Kg	
9	Tolerance on thickness		Min- 1.80 MM	Max.1.60MM To 2 MM
10	Length of Thread		22 MM	± 1.00 MM
11	Tolerance on Length Thread		22 MM	18 MM To 20 MM
12	Tolerance on Mass	Pes	6.45 Kg	
13	Galvanizing thickness	g/mm <sup>2</sup>	360g/m <sup>2</sup>	
14	Compression		25 MM	10 % of the OD Forces 750 N.
15	Elongation Percent	%	N/A	N/A
16	Embossing details		Hot marking on every meter Name/ logo of manufacturer, ISI monogram, Color of band	(S) (K) Brands ISI & Embossed on every meter
17	Tests			IS: 9537 PART-II-1981
18	Test on Finished tube		As per IS	IS: 9537 PART-II-1981
19	Threading		As per IS	IS: 9537 PART-II-1981