

Steel electrical welded tubes

GOST 10705-80, GOST 10704-91

Used for pipelines and constructions of various types.

Assortment

Outside diameter	mm
------------------	----

Weight of 1 m tube, kg, at wall thickness, mm

1,0

1,2

1,4

1,5

1,6

1,8

2,0

2,2

2,5

2,8

3,0

3,2

3,5

3,8

4,0

12

0,271

0,320

0,366

0,388

0,410

-

-

-

-

-

-

-

-

-

-

13

0,296

0,349

0,401

0,425

0,450

-

-

-

-

-

-

-

-

-

-

14

0,321

0,379

0,435

0,462

0,489

-

-

-

-

-

-

-

-

-

-

15

0,345

0,408

0,470

0,499

0,529

-

-

-

-

-

-

-

-

-

-

16

0,370

0,438

0,504

0,536

0,568

-

-

-

-

-

-

-

-

-

-

18

0,419

0,497

0,573

0,610

0,719

-

-

-

-

-

-

-

-

-

-

19

0,444

0,527

0,608

0,647

0,687

0,764

0,838

-

-

-

-

-

-

-

-

20

0,469

0,556

0,642

0,684

0,726

0,808

0,888

-

-

-

-

-

-

-

-

21,3

0,501

0,595

0,687

0,732

0,777

0,866

0,952

1,04

1,16

1,28

-

-

-

-

22

0,518

0,616

0,711

0,758

0,805

0,897

0,986

-

-

-

-

-

-

-

-

25

0,592

0,704

0,815

0,869

0,923

1,03

1,13

1,24

1,39

-

-

-

-

-

-

26

0,617

0,734

0,849

0,906

0,963

1,07

1,18

1,29

1,45

-

-

-

-

-

-

27

0,641

0,764

0,884

0,943

1,00

1,12

1,23

1,35

1,51

1,67

-

-

-

-

-

28

0,666

0,793

0,918

0,980

1,04

1,16

1,28

1,40

1,57

-

-

-

-

-

-

30

0,715

0,852

0,987

1,05

1,12

1,25

1,38

1,51

1,70

-

-

-

-

-

-

32

-

-

1,06

1,13

1,20

1,34

1,48

1,62

1,82

2,02

2,15

2,27

2,46

-

-

33

-

-

1,09

1,17

1,24

1,38

1,53

1,67

1,88

2,09

2,22

2,35

2,55

-

-

33,7

-

-

1,12

1,19

1,27

1,42

1,56

1,71

1,92

2,13

2,27

-

-

-

-

36

-

-

1,19

1,28

1,36

1,52

1,68

1,83

2,07

2,29

2,44

-

-

-

-

38

-

-

1,26

1,35

1,44

1,61

1,78

1,94

2,19

2,43

2,59

-

-

-

-

40

-

-

1,33

1,42

1,52

1,70

1,87

2,05

2,31

2,57

2,74

-

-

-

-

42

-

-

1,40

1,50

1,59

1,78

1,97

2,16

2,44

2,71

2,89

3,06

3,32

3,57

3,75

45

-

-

1,51

1,61

1,71

1,92

2,12

2,32

2,62

2,91

3,11

-

-

-

-

48

-

-

1,61

1,72

1,83

2,05

2,27

2,48

2,81

3,12

3,33

3,54

3,84

4,14

4,34

51

-

-

1,71

1,83

1,95

2,18

2,42

2,65

2,99

3,33

3,55

3,77

4,10

-

-

54

-

-

1,82

1,94

2,07

2,32

2,56

2,81

3,18

3,54

3,77

4,01

4,36

-

-

57

-

-

1,92

2,05

2,19

2,45

2,71

2,97

3,36

3,74

4,00

4,25

4,62

4,99

5,23

60

-

-

2,02

2,16

2,30

2,58

2,86

3,14

3,55

3,95

4,22

4,48

4,88

5,27

5,52

63,5

-

-

2,14

2,29

2,44

2,74

3,03

3,33

3,76

4,19

4,48

4,76

5,18

-

-

Tubes made of steel grades:

Steel grade

Standard for chemical composition

Ст1сп, Ст1кп, Ст1пс, Ст2сп, Ст2кп, Ст2пс, Ст3сп, Ст3кп, Ст3пс

GOST	380
------	-----

08, 08кп, 08пс, 10, 10кп, 10пс, 15, 15кп, 15пс, 20, 20кп, 20пс

GOST	1050
------	------

Depending on quality date tubes can be supplied with groups: А, Б, В, Д.

Mandatory requirements:

- Weld seam quality control by means of non-destructive test;
- Flattening test.
- Drift test (for tubes with diameter 20 mm and more with wall thickness less than $0,06D_H$ and diameter 63,5 mm).

Steel water and gas line tubes

GOST 3262-75

Used for water and gas lines, heating system as well as parts for water and gas line constructions

Assortment

Nominal bore	mm
--------------	----

OD	,	mm
----	---	----

Weight of 1 m tube, kg, at WT, mm

2,0

2,2

2,35

2,5

2,8

3,0

3,2

3,5

4,0

4,5

10

17,0

0,74

0,80

-

-

0,98

-

-

-

-

-

15

21,3

-

-

1,10

1,16

1,28

-

1,43

-

-

-

20

26,8

-

-

1,42

1,50

1,66

-

1,86

-

-

-

25

33,5

-

-

-

-

2,12

-

2,39

-

-

-

32

42,3

-

-

-

-

2,73

-

3,09

-

-

-

40

48,0

-

-

-

-

-

3,33

-

3,84

4,34

-

50

60,0

-

-

-

-

-

4,22

-

4,88

-

-

65

75,5

-

-

-

-

-

-

5,71

-

7,05

-

Tubes made of steel grade:

Steel grade

Standard for chemical composition

Ст1сп, Ст1кп, Ст1пс, Ст2сп, Ст2кп, Ст2пс, Ст3сп, Ст3кп, Ст3пс

GOST	380
------	-----

08, 08кп, 08пс, 10, 10кп, 10пс, 15, 15кп, 15пс, 20, 20кп, 20пс
--

GOST	1050
------	------

Mandatory requirements:

- Bend test.

Upon customer request:

- Weld seam quality control by means of non-destructive tests;
- Drift test;
- Flattening test.

Electrical welded tubes for motor-bike and bike industry

GOST

12132-66

Used for manufacturing parts and constructions in motor-bike industry.

Assortment

OD,mm

Weight of 1 m tube, kg, at WT, mm
--

1,0

1,2

1,5

1,8

2,0

2,2

2,5

2,8

3,0

3,5

12

0,271

0,320

0,388

-

-

-

-

-

-

-

13

0,296

0,349

0,425

-

-

-

-

-

-

-

14

0,321

0,379

0,462

-

-

-

-

-

-

-

15

0,345

0,408

0,499

-

-

-

-

-

-

-

16

0,370

0,438

0,536

-

-

-

-

-

-

-

18

0,419

0,497

0,610

-

-

-

-

-

-

-

19

0,444

0,527

0,647

0,764

0,838

-

-

-

-

-

20

0,469

0,556

0,684

0,808

0,888

-

-

-

-

-

21,3

0,501

0,595

0,732

0,866

0,952

-

-

-

-

-

22

0,518

0,616

0,758

0,897

0,986

-

-

-

-

-

25

0,592

0,704

0,869

1,03

1,13

1,24

1,39

-

-

-

26

0,617

0,734

0,906

1,07

1,18

1,29

1,45

-

-

-

27

0,641

0,764

0,943

1,12

1,23

1,35

1,51

-

-

-

28

0,666

0,793

0,980

1,16

1,28

1,40

1,57

-

-

-

30

0,715

0,852

1,05

1,25

1,38

1,51

1,70

-

-

-

32

-

-

1,13

1,34

1,48

1,62

1,82

2,02

2,15

-

33

-

-

1,17

1,38

1,53

1,67

1,88

2,09

2,22

-

33,7

-

-

1,19

1,42

1,56

1,71

1,92

2,13

2,27

-

36

-

-

1,28

1,52

1,68

1,83

2,07

2,29

2,44

-

38

-

-

1,35

1,61

1,78

1,94

2,19

2,43

2,59

-

40

-

-

1,42

1,70

1,87

2,05

2,31

2,57

2,74

-

42

-

-

1,50

1,78

1,97

2,16

2,44

2,71

2,89

-

45

-

-

1,61

1,92

2,12

2,32

2,62

2,91

3,11

-

48

-

-

1,72

2,05

2,27

2,48

2,81

3,12

3,33

3,84

51

-

-

1,83

2,18

2,42

2,65

2,99

3,33

3,55

4,10

54

-

-

1,94

2,32

2,56

2,81

3,18

3,54

3,77

4,36

57

-

-

2,05

2,45

2,71

2,97

3,36

3,74

4,00

4,62

63,5

-

-

2,29

2,74

3,03

3,33

3,76

4,19

4,48

5,18

Tubes made of steel grades:

Steel grade

Standard for chemical composition

Ст1сп, Ст1кп, Ст1пс, Ст2сп, Ст2кп, Ст2пс, Ст3сп, Ст3кп, Ст3пс

GOST	380
------	-----

08, 08кп, 08пс, 10, 10кп, 10пс, 15, 15кп, 15пс, 20, 20кп, 20пс

GOST	1050
------	------

Mandatory requirements:

- Weld seam quality control by means of non-destructive test;
- Drift test;
- Flattening test (for tubes with outer diameter 20 mm and more).

Steel square tubes

GOST

8639-82, ГОСТ 13663-86

Used for common purpose constructions, radiator, cooling as well as furniture industry

Assortment

OD	,	mm
----	---	----

Weight of 1 m tube, kg, at WT, mm
--

1,0

1,5

2,0

2,5

3,0

20x20

0,583

0,841

1,075

-

-

25x25

0,470

1,07

1,39

1,68

1,95

30x30

-

1,30

1,70

2,07

2,42

35x35

-

1,54

2,02

2,46

-

40x40

-

1,78

2,33

2,85

3,36

45x45

-

2,01

2,63

3,23

-

50x50

-

-

2,95

3,62

-

Other sizes can be produced upon agreement

Tubes made of steel grades:

Steel grade

Standard for chemical composition

Ст2сп, Ст2кп, Ст2пс

GOST	380
------	-----

08кп, 10, 10пс, 20

GOST	1050
------	------

Depending on quality data tubes can be supplied with groups: A, B.

Steel rectangular tubes

GOST	8645-68,	GOST	13663-86
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Used for common purpose constructions. Radiator cooling, as well as furniture industry.

Assortment

OD	,	mm
----	---	----

Weight of 1 m tube, kg, at WT, mm

1,5

2,0

2,5

3,0

28 x 25

1,15

1,49

1,80

-

30 x 20

1,08

1,39

1,68

40 x 20

1,32

1,70

2,07

2,42

40 x 25

1,43

1,86

2,27

2,66

40 x 28

1,50

1,95

2,39

40 x 30

1,54

2,07

2,55

50 x 25

1,66

2,17

2,66

3,13

50 x 28

1,75

2,26

2,77

50 x 30

1,78

2,32

2,86

3,36

50 x 40

2,01

2,65

3,25

60 x 28

1,95

2,57

3,18

60 x 30

2,01

2,63

3,25

3,83

Other sizes can be produced upon agreement

Tubes made of steel grades:

Steel grade

Standard for chemical composition

Ст2сп, Ст2кп, Ст2пс

GOST	380
------	-----

08кп, 10, 10пс, 20

GOST	1050
------	------

Depending on quality data tubes can be supplied with groups: A, B.

Electrical welded tubes foreign standards.

Standards

Diameter of round pipes, mm

Wall thickness

Steel grade

DIN 2440

DIN 2441

17,0

21,3

26,8

33,5

42,3

48,0

60,0

2,0-2,8

2,35-3,2

2,35-3,2

2,8-4,0

2,8-4,0

3,0-4,0

3,0-4,0

St 33-2

EN 10219

EN 10305-3

10,0

12,0

14,0

20,0

22,0

25,0

26,0

32,0

38,0

40,0

51,0

60,0

63,5

70,0

1,0-1,5

1,0-1,8

1,0-2,0

1,0-2,0

1,0-2,5

1,0-2,5

1,0-3,5

1,0-3,5

1,0-3,5

1,0-3,5

1,5-4,0

1,5-4,0

1,2-4,0

1,2-4,0

E 155, E 195, E 220, E 235, E 260, E 275, E 320, E 355, E 420

Standard

Profile tubes size

Wall thickness

Steel grade

EN 10219

EN 10305-5

10x10

15x15

20x15

20x20

25x25

28x25

30x30

40x30

50x25

40x40

45x45

50x50

1,0-1,8

1,0-2,0

1,0-2,5

1,0-2,5

1,0-3,5

1,0-4,5

1,0-3,5

1,0-4,0

1,0-4,0

1,0-4,0

1,0-4,0

2,0-4,0

E 155, E 195, E 220, E 235, E 260, E 275, E 320, E 355, E 420