

GOST 11017-80 SEAMLESS STEEL TUBES FOR HIGH PRESSURE USES

Tubes to this standard are intended for fuel systems of diesel engines.

Size range of tubes is given in Table 1.

Table 1 Size range of seamless steel tubes for high pressure uses

Tube diameter, mm		Tolerance for diameter, mm, for:	
outside	inside	outside	inside
6	2	± 0.3	± 0.15
7	1.5	± 0.3	± 0.15
7	2	± 0.3	± 0.15
7	2.5	± 0.3	± 0.15
8	2.6	± 0.3	± 0.20
8	3	± 0.3	± 0.25
10	3	± 0.3	± 0.30
11	3.5	± 0.4	± 0.30
11	4	± 0.4	± 0.30
12	3.5	± 0.4	± 0.40
13	3	± 0.4	± 0.40
13	5	± 0.4	± 0.40

Tubes shall have random length not shorter than 0.5 m, multiple 0.5 to 4m with 5 mm allowance per cut; total length allowance shall be under +15 mm.

Tube curvature per meter length shall be under 1.5 mm.

Tubes shall be manufactured of steel grade 20.

Technical requirements.

Tubes shall be delivered heat-treated, with tensile strength € 392 MPa and elongation € 21 percent.

Tubes to this standard undergo hydraulic and tensile tests.