

Circuit pipe is Honbar's newest addition to its widely ranged products. St 37.4 steel circuit pipes are cold drawn, seamless and prepared in NBK status. The tubes are phosphated in order to increase corrosion resistance and lubricity.

All circuit pipes are manufactured strictly within the DIN 2391 standards.

TECHNICAL PROPERTIES

Main uses	Hydraulic machinery and automotive industry
Cold bending	Possible at all angles
Flaring and flattening	Possible with no cracks
Inside diameter finish	Clean with no oxidation, no cracks or scars
OD tolerance	± 0.05 mm
ID tolerance	± 0.10 mm
Max depth of defects	0.025 mm (More strict than DIN2391 standards)
Packaging	Caps in both ends, packed in plastic film



CHEMICAL PROPERTIES

Steel Grade	% C	% Mn	% Si	% S	% P
ST37-4	max. 0.17	min. 0.35	max. 0.35	max. 0.040	max. 0.040

MECHANICAL PROPERTIES

Steel Grade	Yield Strength (min)	Tensile Strength (min)	Elongation
ST37-4	min. 235 N/mm ²	350.3 – 480 N/mm ²	25%



DIMENSIONS

O.D. (mm)	×	Width (mm)
6	×	1.0
8	×	1.0
10	×	1.0
10	×	1.5
12	×	1.5
12	×	2.0
15	×	1.5
16	×	2.0
20	×	2.0
25	×	2.5
30	×	3.0
30	×	4.0
35	×	3.0
38	×	4.0
42	×	3.0
42	×	4.0