Breviar de calcul
Regim de presiune: medie

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Debit distribuit (Nmc/h)	Debit de tranzit (Nmc/h)	Debit de calcul (Nmc/h)	Lungimea fizica a tronsonului (m)	Lungimea fizica tronsonului (km)	P1 (bar)	P2 (bar)	Material tubular	Diametrul ales mm	Diametrul ales Dn (in)	Viteza w (m/s)	Viteza maxima admisa w (m/s)	Nr. Reynolds Re	Nr. Reynolds D/k (k=0,007-PE, k=0,05-OL)	Coef. pierdere de sarcina λ	Diametrul interior de calcul (mm)
1	Sinesti	Dealu Biericii	Principala (DJ 605A)	S1-IE/S1	extravilan	0.00	4391.96	4831.16	34.00	0.034	4.5000	4.4951	PE	184.0	PE225	11.4	40	585,515.10	2,628.571	0.0114	178.36
2	Sinesti	Dealu Biericii	Principala (DJ 605A)	IE/S1-S2	intravilan	1.18	4391.96	4831.16	96.00	0.096	4.4951	4.4812	PE	184.0	PE225	11.4	40	585,515.10	2,628.571	0.0114	178.43
3	Sinesti	Dealu Biericii	Principala (DJ 605A)	S2-S3	intravilan	15.34	2955.90	3251.49	426.00	0.426	4.4951	4.4335	PE	163.6	PE200	9.8	40	443,204.32	2,337.143	0.0123	154.60
4	Sinesti	Dealu Biericii	Principala (DJ 605A)	S3-S4	intravilan	1.18	2926.40	3219.04	11.00	0.011	4.4335	4.4319	PE	163.6	PE200	9.7	40	438,781.12	2,337.143	0.0123	154.27
5	Sinesti	Dealu Biericii	Principala (DJ 605A)	S4-S5	intravilan	4.72	2919.32	3211.25	76.00	0.076	4.4319	4.4209	PE	163.6	PE200	9.7	40	437,719.56	2,337.143	0.0123	154.19
6	Sinesti	Dealu Biericii	Principala (DJ 605A)	S5-14a	intravilan	10.62	2863.86	3150.25	130.00	0.130	4.4209	4.4021	PE	163.6	PE200	9.6	40	429,403.95	2,337.143	0.0124	153.26
7	Sinesti	Dealu Biericii	Principala (DJ 605A)	14a-14b	intravilan	0.00	2853.24	3138.56	6.00	0.006	4.4021	4.4013	OL	203.0	8	6.2	20	344,778.21	406.000	0.0131	154.79
8	Sinesti	Dealu Biericii	Principala (DJ 605A)	14b-S6	intravilan	29.50	2853.24	3138.56	460.00	0.460	4.4013	4.3348	PE	163.6	PE200	9.6	40	427,811.60	2,337.143	0.0124	153.36
9	Sinesti	Mijlocu	Principala (DJ 605A)	S6-13a	intravilan	1.18	2739.96	3013.96	9.00	0.009	4.3348	4.3335	PE	163.6	PE200	9.3	40	410,826.52	2,337.143	0.0125	151.44
10	Sinesti	Mijlocu	Principala (DJ 605A)	13a-13b	intravilan	0.00	2738.78	3012.66	5.00	0.005	4.3335	4.3327	OL	203.0	8	6.0	20	330,947.16	406.000	0.0132	153.07
11	Sinesti	Mijlocu	Principala (DJ 605A)	13b-S7	intravilan	83.78	2738.78	3012.66	914.00	0.914	4.3327	4.2006	PE	163.6	PE200	9.5	40	410,649.59	2,337.143	0.0125	151.89
12	Sinesti	Sinesti	Principala (DJ 605A)	S7-12a	intravilan	54.28	2655.00	2920.50	641.00	0.641	4.2006	4.1080	PE	163.6	PE200	9.4	40	398,087.71	2,337.143	0.0126	151.05
13	Sinesti	Sinesti	Principala (DJ 605A)	12a-12b	intravilan	0.00	2600.72	2860.79	5.00	0.005	4.1080	4.1072	OL	203.0	8	6.1	20	314,264.34	406.000	0.0134	151.94
14	Sinesti	Sinesti	Principala (DJ 605A)	12b-26a	intravilan	23.60	2600.72	2860.79	257.00	0.257	4.1072	4.0701	PE	163.6	PE200	9.4	40	389,949.03	2,337.143	0.0127	150.44
15	Sinesti	Sinesti	Principala (DJ 605A)	26a-26b	intravilan	0.00	2577.12	2834.83	10.00	0.010	4.0701	4.0686	OL	203.0	8	6.1	20	311,412.58	406.000	0.0134	151.73
16	Sinesti	Sinesti	Principala (DJ 605A)	26b-S8	intravilan	14.16	2562.96	2819.26	137.00	0.137	4.0686	4.0488	PE	163.6	PE200	9.3	40	384,287.34	2,337.143	0.0127	149.90
17	Sinesti	Sinesti	Principala (DJ 605A)	S8-11a	intravilan	25.96	2519.30	2771.23	333.00	0.333	4.0488	4.0007	PE	163.6	PE200	9.2	40	377,741.01	2,337.143	0.0128	149.25
18	Sinesti	Sinesti	Principala (DJ 605A)	11a-11b	intravilan	0.00	2493.34	2742.67	3.00	0.003	4.0007	4.0003	OL	203.0	8	6.0	20	301,288.82	406.000	0.0135	150.50
19	Sinesti	Sinesti	Principala (DJ 605A)	11b-S9	intravilan	21.24	2493.34	2742.67	157.00	0.157	4.0003	3.9776	PE	163.6	PE200	9.2	40	373,848.60	2,337.143	0.0128	148.97
20	Sinesti	Sinesti	Principala (DJ 605A)	S9-10a	intravilan	4.72	2210.14	2431.15	53.00	0.053	3.9776	3.9699	PE	163.6	PE200	8.2	40	331,385.91	2,337.143	0.0132	142.93
21	Sinesti	Sinesti	Principala (DJ 605A)	10a-10b	intravilan	0.00	2205.42	2425.96	5.00	0.005	3.9699	3.9692	OL	203.0	8	5.3	20	266,497.30	406.000	0.0139	144.40
22	Sinesti	Sinesti	Principala (DJ 605A)	10b-S10	intravilan	0.00	2205.42	2425.96	6.00	0.006	3.9692	3.9683	PE	163.6	PE200	8.2	40	330,678.19	2,337.143	0.0132	142.86
23	Sinesti	Sinesti	Principala (DJ 605A)	S10-9a	intravilan	23.60	2179.46	2397.41	282.00	0.282	3.9683	3.9275	PE	163.6	PE200	8.1	40	326,785.78	2,337.143	0.0132	142.41
24	Sinesti	Sinesti	Principala (DJ 605A)	9a-9b	intravilan	0.00	2155.86	2371.45	15.00	0.015	3.9275	3.9254	OL	203.0	8	5.3	20	260,508.60	406.000	0.0140	143.57
25	Sinesti	Sinesti	Principala (DJ 605A)	9b-S11	intravilan	63.72	2155.86	2371.45	778.00	0.778	3.9254	3.8129	PE	163.6	PE200	8.2	40	323,247.22	2,337.143	0.0133	142.45
26	Sinesti	Sinesti	Principala (DJ 605A)	S11-8a	intravilan	0.00	2075.62	2283.18	6.00	0.006	3.8129	3.8120	PE	163.6	PE200	8.0	40	311,216.13	2,337.143	0.0134	140.98
27	Sinesti	Sinesti	Principala (DJ 605A)	8a-8b	intravilan	0.00	2075.62	2283.18	12.00	0.012	3.8120	3.8103	OL	203.0	8	5.2	20	250,812.60	406.000	0.0141	142.52
28	Sinesti	Sinesti	Principala (DJ 605A)	8b-7a	intravilan	43.66	2075.62	2283.18	485.00	0.485	3.8103	3.7402	PE	163.6	PE200	8.1	40	311,216.13	2,337.143	0.0134	141.26
29	Sinesti	Sinesti	Principala (DJ 605A)	7a-7b	intravilan	0.00	2031.96	2235.16	8.00	0.008	3.7402	3.7390	OL	203.0	8	5.2	20	245,536.84	406.000	0.0142	142.00
30	Sinesti	Sinesti	Principala (DJ 605A)	7b-B0	intravilan	37.76	2031.96	2235.16	387.00	0.387	3.7390	3.6831	PE	163.6	PE200	8.1	40	304,669.80	2,337.143	0.0135	140.69
31	Sinesti	Dealu Biericii	Principala (DJ 605A)	S2-S27	intravilan	3.54	1434.88	1578.37	124.00	0.124	4.4951	4.4772	PE	147.2	PE180	5.8	40	239,114.17	2,102.857	0.0143	119.30
32	Sinesti	Dealu Biericii	Principala (DJ 605A)	S27-S28	intravilan	7.08	1427.80	1570.58	187.00	0.187	4.4772	4.4501	PE	147.2	PE180	5.8	40	237,934.33	2,102.857	0.0143	119.21
33	Sinesti	Urzica	Principala (DJ 605A)	S28-S2a	extravilan	0.00	1420.72	1562.79	58.00	0.058	4.4501	4.4417	PE	147.2	PE180	5.8	40	236,754.49	2,102.857	0.0143	119.10
34	Sinesti	Urzica	Principala (DJ 605A)	S2a-IE/S2	extravilan	0.00	1420.72	1562.79	84.00	0.084	4.4417	4.4296	PE	147.2	PE180	5.8	40	236,754.49	2,102.857	0.0143	119.15
35	Sinesti	Urzica	Principala (DJ 605A)	IE/S2-S2b	intravilan	0.00	1420.72	1562.79	8.00	0.008	4.4296	4.4284	PE	147.2	PE180	5.8	40	236,754.49	2,102.857	0.0143	119.19
36	Sinesti	Urzica	Principala (DJ 605A)	IE/S2-15a	intravilan	0.00	1420.72	1562.79	67.00	0.067	4.4284	4.4188	PE	147.2	PE180	5.8	40	236,754.49	2,102.857	0.0143	119.22
37	Sinesti	Urzica	Principala (DJ 605A)	15a-15b	intravilan	0.00	1420.72	1562.79	14.00	0.014	4.4188	4.4167	OL	152.0	6	5.5	20	229,278.04	304.000	0.0145	119.44
38	Sinesti	Urzica	Principala (DJ 605A)	15b-S29	intravilan	3.54	1420.72	1562.79	65.00	0.065	4.4167	4.4073	PE	147.2	PE180	5.9	40	236,754.49	2,102.857	0.0143	119.28
39	Sinesti	Urzica	Principala (DJ 605A)	S29-S30	intravilan	76.70	1292.10	1421.31	629.00	0.629	4.4073	4.3164	PE	147.2	PE180	5.4	40	215,320.74	2,102.857	0.0147	115.65

Orasul Berbesti, jud. Valcea

Tronson: B0-6a / PEHD100
SDR11 Pn16 Dn200mm, L=138m
Q=1994,20 Nmc/h, V=8,0m/s
Pi=3,6831bar, Pe=3,6631bar
Intravilan oras Berbesti,
sat Targu Gangulesti

Tronson: 6b-5a / PEHD100
SDR11 Pn16 Dn200mm, L=406m
Q=1981,22 Nmc/h, V=8,0m/s
Pi=3,6627bar, Pe=3,6040bar
Intravilan oras Berbesti,
sat Targu Gangulesti

Tronson: 7b-B0 / PEHD100
SDR11 Pn16 Dn200mm, L=387m
Q=2031,96 Nmc/h, V=8,1m/s
Pi=3,7390bar, Pe=3,6831bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 6a-6b / OL
⌀8" (219,1x8), L=3m
Q=1981,22 Nmc/h, V=5,2m/s
Pi=3,6631bar, Pe=3,6627bar
Intravilan oras Berbesti,
sat Targu Gangulesti

Tronson: 8b-7a / PEHD100
SDR11 Pn16 Dn200mm, L=485m
Q=2075,62 Nmc/h, V=8,1m/s
Pi=3,8103bar, Pe=3,7402bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 7a-7b / OL
⌀8" (219,1x8), L=8m
Q=2031,96 Nmc/h, V=5,2m/s
Pi=3,7402bar, Pe=3,7390bar
Intravilan com. Sinesti,
sat Sinesti

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Lungimea fizica (m)	Material tubular	Diametrul Dn (in)	Debit de calcul (Nmc/h)	Viteza de calcul (m/s)	Presiunea intrare P1 (bar)	Presiunea iesire P2 (bar)
0	1	2	3	4	5	6	7	8	9	10	11	12
UAT SINESTI, SAT SINESTI - INTRAVILAN												
1	Sinesti	Sinesti	Principala (DJ 605A)	S7-12a	intravilan	641	PEID PE100	PE200	2655.00	9.4	4.2006	4.1080
2	Sinesti	Sinesti	Principala (DJ 605A)	12a-12b	intravilan	5	OL	8"(219,1x8)	2600.72	6.1	4.1080	4.1072
3	Sinesti	Sinesti	Principala (DJ 605A)	12b-26a	intravilan	257	PEID PE100	PE200	2600.72	9.4	4.1072	4.0701
4	Sinesti	Sinesti	Principala (DJ 605A)	26a-26b	intravilan	10	OL	8"(219,1x8)	2577.12	6.1	4.0701	4.0686
5	Sinesti	Sinesti	Principala (DJ 605A)	26b-S8	intravilan	137	PEID PE100	PE200	2562.96	9.3	4.0686	4.0488
6	Sinesti	Sinesti	Principala (DJ 605A)	S8-11a	intravilan	333	PEID PE100	PE200	2519.30	9.2	4.0488	4.0007
7	Sinesti	Sinesti	Principala (DJ 605A)	11a-11b	intravilan	3	OL	8"(219,1x8)	2493.34	6.0	4.0007	4.0003
8	Sinesti	Sinesti	Principala (DJ 605A)	11b-S9	intravilan	157	PEID PE100	PE200	2493.34	9.2	4.0003	3.9776
9	Sinesti	Sinesti	Principala (DJ 605A)	S9-10a	intravilan	53	PEID PE100	PE200	2210.14	8.2	3.9776	3.9699
10	Sinesti	Sinesti	Principala (DJ 605A)	10a-10b	intravilan	5	OL	8"(219,1x8)	2205.42	5.3	3.9699	3.9692
11	Sinesti	Sinesti	Principala (DJ 605A)	10b-S10	intravilan	6	PEID PE100	PE200	2205.42	8.2	3.9692	3.9683
12	Sinesti	Sinesti	Principala (DJ 605A)	S10-9a	intravilan	282	PEID PE100	PE200	2179.46	8.1	3.9683	3.9275
13	Sinesti	Sinesti	Principala (DJ 605A)	9a-9b	intravilan	15	OL	8"(219,1x8)	2155.86	5.3	3.9275	3.9254
14	Sinesti	Sinesti	Principala (DJ 605A)	9b-S11	intravilan	778	PEID PE100	PE200	2155.86	8.2	3.9254	3.8129
15	Sinesti	Sinesti	Principala (DJ 605A)	S11-8a	intravilan	6	PEID PE100	PE200	2075.62	8.0	3.8129	3.8120
16	Sinesti	Sinesti	Principala (DJ 605A)	8a-8b	intravilan	12	OL	8"(219,1x8)	2075.62	5.2	3.8120	3.8103
17	Sinesti	Sinesti	Principala (DJ 605A)	8b-7a	intravilan	485	PEID PE100	PE200	2075.62	8.1	3.8103	3.7402
18	Sinesti	Sinesti	Principala (DJ 605A)	7a-7b	intravilan	8	OL	8"(219,1x8)	2031.96	5.2	3.7402	3.7390
19	Sinesti	Sinesti	Principala (DJ 605A)	7b-B0	intravilan	387	PEID PE100	PE200	2031.96	8.1	3.7390	3.6831

Lungimi conducte de distributie gaze naturale in intravilan:
com. Sinesti, sat Sinesti
Lungimea totala: L=3.580 m, din care:
Conducta PEHD PE100 SDR11 Dn 200 mm L=3.522 m
Conducta OL 8"(219,1x8) L=58 m

Tronson: S11-8a / PEHD100
SDR11 Pn16 Dn200mm, L=6m
Q=2075,62 Nmc/h, V=8,0m/s
Pi=3,8129bar, Pe=3,8120bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 8a-8b / OL
⌀8" (219,1x8), L=12m
Q=2075,62 Nmc/h, V=5,2m/s
Pi=3,8120bar, Pe=3,8103bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 9b-S11 / PEHD100
SDR11 Pn16 Dn200mm, L=778m
Q=2155,86 Nmc/h, V=8,2m/s
Pi=3,9254bar, Pe=3,8129bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 9a-9b / OL
⌀8" (219,1x8), L=15m
Q=2155,86 Nmc/h, V=5,3m/s
Pi=3,9275bar, Pe=3,9254bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: S10-9a / PEHD100
SDR11 Pn16 Dn200mm, L=282m
Q=2179,46 Nmc/h, V=8,1m/s
Pi=3,9683bar, Pe=3,9275bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 10a-10b / OL
⌀8" (219,1x8), L=5m
Q=2205,42 Nmc/h, V=5,3m/s
Pi=3,9699bar, Pe=3,9692bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 10b-S10 / PEHD100
SDR11 Pn16 Dn200mm, L=6m
Q=2205,42 Nmc/h, V=8,2m/s
Pi=3,9692bar, Pe=3,9683bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 11a-11b / OL
⌀8" (219,1x8), L=3m
Q=2493,34 Nmc/h, V=6,0m/s
Pi=4,0007bar, Pe=4,0003bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: S9-10a / PEHD100
SDR11 Pn16 Dn200mm, L=53m
Q=2210,14 Nmc/h, V=8,2m/s
Pi=3,9776bar, Pe=3,9699bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 11b-S9 / PEHD100
SDR11 Pn16 Dn200mm, L=157m
Q=2493,34 Nmc/h, V=9,2m/s
Pi=4,0003bar, Pe=3,9776bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: S8-11a / PEHD100
SDR11 Pn16 Dn200mm, L=333m
Q=2519,30 Nmc/h, V=9,2m/s
Pi=4,0488bar, Pe=4,0007bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 26b-S8/ PEHD100
SDR11 Pn16 Dn200mm, L=137m
Q=2562,96 Nmc/h, V=9,3m/s
Pi=4,0686bar, Pe=4,0488bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 26a-26b / OL
⌀8" (219,1x8), L=10m
Q=2577,12 Nmc/h, V=6,1m/s
Pi=4,0701bar, Pe=4,0686bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 12b-26a/ PEHD100
SDR11 Pn16 Dn200mm, L=257m
Q=2600,72 Nmc/h, V=9,4m/s
Pi=4,1072bar, Pe=4,0701bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: 12a-12b / OL
⌀8" (219,1x8), L=5m
Q=2600,72 Nmc/h, V=6,1m/s
Pi=4,1080bar, Pe=4,1072bar
Intravilan com. Sinesti,
sat Sinesti

Tronson: S7-12a / PEHD100
SDR11 Pn16 Dn200mm, L=641m
Q=2655,00 Nmc/h, V=9,4m/s
Pi=4,2006bar, Pe=4,1080bar
Intravilan com. Sinesti,
sat Sinesti

LEGENDA:

PE_PM_pr	conducta distributie gaze naturale propusa, presiune medie, PE100 SDR11, montata ingropat
OL_PM_pr	conducta distributie gaze naturale propusa, presiune medie, OL, montata aerian
Rg01	vana de sectionare din PE100 SDR11, montata ingropat, in camin tip clopot
RgA1	vana de sectionare din OL, montata aerian
	limita categorie teren (intravilan / extravilan)

Comuna Sinesti, jud. Valcea

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Lungimea fizica (m)	Material tubular	Diametrul Dn (in)	Debit de calcul (Nmc/h)	Viteza de calcul (m/s)	Presiunea intrare P1 (bar)	Presiunea iesire P2 (bar)
0	1	2	3	4	5	6	7	8	9	10	11	12
UAT SINESTI, SAT MIJLOCU - INTRAVILAN												
1	Sinesti	Mijlocu	Principala (DJ 605A)	S6-13a	intravilan	9	PEID PE100	PE200	2739.96	9.3	4.3348	4.3335
2	Sinesti	Mijlocu	Principala (DJ 605A)	13a-13b	intravilan	5	OL	8"(219,1x8)	2738.78	6.0	4.3335	4.3327
3	Sinesti	Mijlocu	Principala (DJ 605A)	13b-S7	intravilan	914	PEID PE100	PE200	2738.78	9.5	4.3327	4.2006

Lungimi conducte de distributie gaze naturale in intravilan:
com. Sinesti, sat Mijlocu
Lungimea totala: L=928 m, din care:
Conducta PEHD PE100 SDR11 Dn 200 mm L=923 m
Conducta OL 8"(219,1x8) L=5 m

Tronson: 13b-S7 / PEHD100
SDR11 Pn16 Dn200mm, L=914m
Q=2738,78 Nmc/h, V=9,5m/s
Pi=4,3327bar, Pe=4,2006bar
Intravilan com. Sinesti,
sat Mijlocu

Tronson: 13a-13b / OL
⌀8" (219,1x8), L=5m
Q=2738,78 Nmc/h, V=6,0m/s
Pi=4,3335bar, Pe=4,3327bar
Intravilan com. Sinesti,
sat Mijlocu

Tronson: S6-13a / PEHD100
SDR11 Pn16 Dn200mm, L=9m
Q=2739,96 Nmc/h, V=9,3m/s
Pi=4,3348bar, Pe=4,3335bar
Intravilan com. Sinesti,
sat Mijlocu

Tronson: S5-14a / PEHD100
SDR11 Pn16 Dn200mm, L=130m
Q=2863,86 Nmc/h, V=9,6m/s
Pi=4,4209bar, Pe=4,4021bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: 14b-S6 / PEHD100
SDR11 Pn16 Dn200mm, L=460m
Q=2853,24 Nmc/h, V=9,6m/s
Pi=4,4013bar, Pe=4,3348bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: S4-S5 / PEHD100
SDR11 Pn16 Dn200mm, L=76m
Q=2919,32 Nmc/h, V=9,7m/s
Pi=4,4319bar, Pe=4,4209bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: 14a-14b / OL
⌀8" (219,1x8), L=6m
Q=2853,24 Nmc/h, V=6,2m/s
Pi=4,4021bar, Pe=4,4013bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: S3-S4 / PEHD100
SDR11 Pn16 Dn200mm, L=11m
Q=2926,40 Nmc/h, V=9,7m/s
Pi=4,4335bar, Pe=4,4319bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: S2-S3 / PEHD100
SDR11 Pn16 Dn200mm, L=426m
Q=2955,90 Nmc/h, V=9,8m/s
Pi=4,4812bar, Pe=4,4335bar
Intravilan com. Sinesti,
sat Dealu Bisericii

SRMP - Statie Reglare
Masurare Predare
Q=4391,96 Nmc/h
30,00 bar / 4,50 bar

Tronson: S1-IE/S1 / PEHD100
SDR11 Pn16 Dn225mm, L=34m
Q=4391,96 Nmc/h, V=11,4m/s
Pi=4,50bar, Pe=4,4951bar
Extravilan com. Sinesti,
sat Dealu Bisericii

Tronson: IE/S1-S2 / PEHD100
SDR11 Pn16 Dn225mm, L=96m
Q=4391,96 Nmc/h, V=11,4m/s
Pi=4,4951bar, Pe=4,4812bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: S2-S27 / PEHD100
SDR11 Pn16 Dn180mm, L=124m
Q=1434,88 Nmc/h, V=5,8m/s
Pi=4,4951bar, Pe=4,4772bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: 15a-15b / OL
⌀6" (168,3x6,3), L=145m
Q=1420,72 Nmc/h, V=5,5m/s
Pi=4,4188bar, Pe=4,4167bar
Intravilan com. Sinesti,
sat Urzica

Tronson: 15b-S29 / PEHD100
SDR11 Pn16 Dn180mm, L=65m
Q=1420,72 Nmc/h, V=5,9m/s
Pi=4,4167bar, Pe=4,4073bar
Intravilan com. Sinesti,
sat Urzica

Tronson: S29-S30 / PEHD100
SDR11 Pn16 Dn180mm, L=629m
Q=1292,10 Nmc/h, V=5,4m/s
Pi=4,4073bar, Pe=4,3164bar
Intravilan com. Sinesti,
sat Urzica

Tronson: S27-S28 / PEHD100
SDR11 Pn16 Dn180mm, L=187m
Q=1427,80 Nmc/h, V=5,8m/s
Pi=4,4772bar, Pe=4,4501bar
Intravilan com. Sinesti,
sat Dealu Bisericii

Tronson: S2a-IE/S2 / PEHD100
SDR11 Pn16 Dn180mm, L=84m
Q=1420,72 Nmc/h, V=5,8m/s
Pi=4,4417bar, Pe=4,4296bar
Extravilan com. Sinesti,
sat Urzica

Tronson: S28-S2a / PEHD100
SDR11 Pn16 Dn180mm, L=58m
Q=1420,72 Nmc/h, V=5,8m/s
Pi=4,4501bar, Pe=4,4417bar
Extravilan com. Sinesti,
sat Urzica

Tronson: S2b-15a / PEHD100
SDR11 Pn16 Dn180mm, L=67m
Q=1420,72 Nmc/h, V=5,8m/s
Pi=4,4284bar, Pe=4,4188bar
Intravilan com. Sinesti,
sat Urzica

Tronson: IE/S2-S2b / PEHD100
SDR11 Pn16 Dn180mm, L=8m
Q=1420,72 Nmc/h, V=5,8m/s
Pi=4,4296bar, Pe=4,4284bar
Intravilan com. Sinesti,
sat Urzica

Tronson: S30-16a / PEHD100
SDR11 Pn16 Dn180mm, L=230m
Q=1201,24 Nmc/h, V=5,1m/s
Pi=4,3164bar, Pe=4,2832bar
Intravilan com. Gradistea,
sat Linia

Caracteristici tehnice:

Tip fluid	Temperatura (°C)		Presiunea (bar)	
Gaz metan	Min. -30	Max. +50	Lucru +22	Min. 0,05	Max. 6	Lucru 4,50
Proba de rezistenta				
Fluid	Pres. (bar)	Temp. min. (°C)	Timp (ore)	
Aer	9	5	1	
Proba de etanseitate				
Fluid	Pres. (bar)	Temp. min. (°C)	Timp (ore)	
Aer	6	5	24	
Protectie anticoroziva				
Grunduire		Vopsire		
-		-		
Examinare suduri				
Sudura cap la cap		Electrofuziune		
VT	100%	VT	100%	
MT	-	MT	-	
PT	-	PT	-	
UT	-	UT	-	
RT	-	RT	-	

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Lungimea fizica (m)	Material tubular	Diametrul Dn (in)	Debit de calcul (Nmc/h)	Viteza de calcul (m/s)	Presiunea intrare P1 (bar)	Presiunea iesire P2 (bar)
0	1	2	3	4	5	6	7	8	9	10	11	12
UAT SINESTI, SAT URZICA - INTRAVILAN												
1	Sinesti	Urzica	Principala (DJ 605A)	E/S2-S2b	intravilan	8	PEID PE100	PE180	1420.72	5.8	4.4296	4.4284
2	Sinesti	Urzica	Principala (DJ 605A)	S2b-15a	intravilan	67	PEID PE100	PE180	1420.72	5.8	4.4284	4.4188
3	Sinesti	Urzica	Principala (DJ 605A)	15a-15b	intravilan	14	OL	6"(168,3x6,3)	1420.72	5.5	4.4188	4.4167
4	Sinesti	Urzica	Principala (DJ 605A)	15b-S29	intravilan	65	PEID PE100	PE180	1420.72	5.9	4.4167	4.4073
5	Sinesti	Urzica	Principala (DJ 605A)	S29-S30	intravilan	629	PEID PE100	PE180	1292.10	5.4	4.4073	4.3164
UAT SINESTI, SAT URZICA - EXTRAVILAN												
1	Sinesti	Urzica	Principala (DJ 605A)	S28-S2a	extravilan	58	PEID PE100	PE180	1420.72	5.8	4.4501	4.4417
2	Sinesti	Urzica	Principala (DJ 605A)	S2a-IE/S2	extravilan	84	PEID PE100	PE180	1420.72	5.8	4.4417	4.4296

Lungimi conducte de distributie gaze naturale in intravilan:
com. Sinesti, sat Urzica
Lungimea totala: L=783 m, din care:
Conducta PEHD PE100 SDR11 Dn 180 mm L=769 m
Conducta OL 6"(168,3x6,3) L=14 m

Lungimi conducte de distributie gaze naturale in extravilan:
com. Sinesti, sat Urzica
Lungimea totala: L=142 m, din care:
Conducta PEHD PE100 SDR11 Dn 180 mm L=142 m

Comuna Gradistea, jud. Valcea

Lungimi conducte de distributie gaze naturale in intravilan:
com. Sinesti, sat Dealu Bisericii
Lungimea totala: L=1.516 m, din care:
Conducta PEHD PE100 SDR11 Dn 225 mm L=96 m
Conducta PEHD PE100 SDR11 Dn 200 mm L=1.103 m
Conducta PEHD PE100 SDR11 Dn 180 mm L=311 m
Conducta OL 8"(219,1x8) L=6 m

Lungimi conducte de distributie gaze naturale in extravilan:
com. Sinesti, sat Dealu Bisericii
Lungimea totala: L=34 m, din care:
Conducta PEHD PE100 SDR11 Dn 225 mm L=34 m

Nr. crt.	Nume UAT	Nume sat	Nume strada	Tronson	Categorie teren	Lungimea fizica (m)	Material tubular	Diametrul Dn (in)	Debit de calcul (Nmc/h)	Viteza de calcul (m/s)	Presiunea intrare P1 (bar)	Presiunea iesire P2 (bar)
0	1	2	3	4	5	6	7	8	9	10	11	12
UAT SINESTI, SAT DEALU BISERICII - INTRAVILAN												
1	Sinesti	Dealu Biericii	Principala (DJ 605A)	IE/S1-S2	intravilan	96	PEID PE100	PE225	4391.96	11.4	4.4951	4.4812
2	Sinesti	Dealu Biericii	Principala (DJ 605A)	S2-S3	intravilan	426	PEID PE100	PE200	2955.90	9.8	4.4951	4.4335
3	Sinesti	Dealu Biericii	Principala (DJ 605A)	S3-S4	intravilan	11	PEID PE100	PE200	2926.40	9.7	4.4335	4.4319
4	Sinesti	Dealu Biericii	Principala (DJ 605A)	S4-S5	intravilan	76	PEID PE100	PE200	2919.32	9.7	4.4319	4.4209
5	Sinesti	Dealu Biericii	Principala (DJ 605A)	S5-14a	intravilan	130	PEID PE100	PE200	2863.86	9.6	4.4209	4.4021
6	Sinesti	Dealu Biericii	Principala (DJ 605A)	14a-14b	intravilan	6	OL	8"(219,1x8)	2853.24	6.2	4.4021	4