

**IGEM/TD/3 EDITION 5
COMMUNICATION 1770
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The following amendments (October 2015) apply to all copies of IGEM/TD/3 Edition 5 published in 2014.

Table 15 Delete Table 15 entirely and substitute:

MAIN (MOP)	DIAMETER (mm)																						
	55	63	75	90	110	125	140	160	180	200	213	250	268	280	315	355	400	440	450	469	500	560	630
Sec. A	Cross Sectional Area of PE Pipe (m ²)																						
SDR11	0.0016	0.0021	0.0030	0.0043	0.0064	0.0082	0.0103	-	0.0170	0.0210	-	0.0329	-	0.0412	0.0522	0.0663	0.0841	-	0.1065	-	0.1314	-	0.2087
SDR13.6	-	0.0023	0.0032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDR17.6	0.0018	0.0024	0.0034	0.0050	0.0074	0.0096	0.0120	-	0.0200	0.0247	-	0.0386	-	0.0484	0.0612	0.0778	0.0987	-	0.1250	-	0.1543	-	0.2449
SDR21	-	-	-	-	-	-	-	-	-	-	-	0.0402	0.0461	0.0505	0.0638	0.0810	0.1029	-	0.1302	0.1414	0.1607	-	0.2552
SDR26	-	-	-	-	-	-	-	0.0171	-	-	-	0.0304	0.0418	0.0481	0.0525	0.0664	0.0843	0.1070	0.1295	0.1355	-	0.1673	0.2098
Sec. B	Z-Factor to Use to Calculate test period Pipelines with MOP ≤ 75 mbar (0.3 x Cross Sectional Area)																						
SDR11	0.0005	0.0006	0.0009	0.0013	0.0019	0.0025	0.0031	-	0.0051	0.0063	-	0.0099	-	0.0124	0.0157	0.0199	0.0252	-	0.0319	-	0.0394	-	0.0626
SDR13.6	-	0.0006	0.0009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDR17.6	0.0006	0.0007	0.0010	0.0015	0.0022	0.0029	0.0036	-	0.0060	0.0074	-	0.0116	-	0.0145	0.0184	0.0233	0.0296	-	0.0375	-	0.0463	-	0.0735
SDR21	-	-	-	-	-	-	-	-	-	-	-	0.0121	0.0139	0.0151	0.0191	0.0243	0.0309	-	0.0391	0.0424	0.0482	-	0.0766
SDR26	-	-	-	-	-	-	-	0.0051	-	-	-	0.0091	0.0125	0.0144	0.0157	0.0199	0.0253	0.0321	0.0389	0.0407	-	0.0502	0.0630
Sec. C	Z-Factor to Use to Calculate test period for Pipelines with MOP ≤ 2 bar (0.88 x Cross Sectional Area)																						
SDR11	0.0014	0.0018	0.0026	0.0037	0.0056	0.0072	0.0091	0.0118	0.0150	0.0185	0.0210	0.0289	0.0332	0.0363	0.0459	0.0583	0.0740	-	0.0937	0.1018	0.1157	-	0.1836
SDR13.6	-	0.0020	0.0028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDR17.6	0.0016	0.0022	0.0031	0.0044	0.0066	0.0085	0.0106	0.0139	0.0176	0.0217	0.0246	0.0339	0.0390	0.0426	0.0539	0.0684	0.0869	-	0.1100	0.1194	0.1357	-	0.2155
SDR21	0.0017	0.0022	0.0032	0.0046	0.0068	0.0088	0.0111	0.0145	0.0183	0.0226	0.0257	0.0354	0.0406	0.0444	0.0561	0.0713	0.0905	-	0.1146	0.1244	0.1414	-	0.2246
SDR26	0.0018	0.0023	0.0033	0.0048	0.0071	0.0092	0.0115	0.0151	0.0191	0.0236	0.0267	0.0368	0.0423	0.0462	0.0584	0.0742	0.0942	0.1140	0.1193	0.1295	0.1472	0.1847	0.2337
Sec. D	Z-Factor to Use to Calculate test period for Pipelines with MOP ≤ 4 bar (0.84 x Cross Sectional Area)																						
SDR11	0.0013	0.0018	0.0025	0.0036	0.0053	0.0069	0.0087	0.0113	0.0143	0.0177	0.0200	0.0276	0.0317	0.0346	0.0438	0.0557	0.0707	-	0.0894	0.0971	0.1104	-	0.1753
Sec. E	Z-Factor to Use to Calculate test period for pipelines with MOP ≤ 5.5 bar (1.12 x Cross Sectional Area)																						
SDR11	0.0018	0.0023	0.0033	0.0048	0.0071	0.0092	0.0115	0.0151	0.0191	0.0236	0.0267	0.0368	0.0423	0.0462	0.0584	0.0742	0.0942	-	0.1192	0.1295	0.1472	-	0.2337
Sec. F	Z-Factor to Use to Calculate test period for Pipelines with MOP ≤ 7 bar (1.75 x Cross Sectional Area)																						
SDR11	0.0028	0.0037	0.0052	0.0075	0.0111	0.0144	0.0180	0.0236	0.0298	0.0368	0.0417	0.0575	0.0661	0.0721	0.0913	0.1160	0.1472	-	0.1863	0.2024	0.2300	-	0.3652

TABLE 15 - CROSS SECTIONAL AREAS AND Z-FACTORS FOR PE PIPE

END OF AMENDMENTS TO IGEM/TD/3 Edition 5