



Chris Fulton's

PIPE OUTSIDE DIAMETER GUIDE

for Caribbean and Central American Pipe

Nominal Diameter														
Nominal Size (mm)	80/90	100mm	125mm	150mm	200mm	250mm	300mm	350mm		400mm	450mm	500mm		600mm
Nominal Size (inches)	3"	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"	20"	21"	24"
Actual Outside Diameters														
STEEL PIPE Size (inches)	3.50	4.50	~	6.63	8.63	10.75	12.75	14.00	~	16.00	18.00	20.00	~	24.00
CLASS/Sched/ASTM2241/"IPS"	3.50	4.50	5.56	6.63	8.63	10.75	12.75	14.00	~	16.00	18.00	20.00	~	24.00
STEEL PIPE Size (mm)	89 mm	114 mm	141 mm	168 mm	219 mm	273 mm	324 mm	356 mm	~	406 mm	457 mm	508 mm	~	610 mm
SEWER/ASTMD3034 (inches)		4.22	~	6.28	8.40	10.50	12.50	~	15.30	~	18.70	~	21.75	24.80
SEWER/ASTMD3034 (mm)		107 mm	~	160 mm	213 mm	267 mm	318 mm	~	389 mm	~	475mm	~	552 mm	630 mm
PIP / ASTM2241 Annex (inches)					8.16	10.20	12.24		15.30	~	18.70	~	21.75	24.80
PIP / ASTM2241 Annex (mm)									389 mm	~	475 mm	~	552 mm	630 mm
PVC AWWA C900 & C905	3.96	4.80	~	6.90	9.05	11.10	13.20	15.30	~	17.40	19.50	21.60	~	25.80
D.I. AWWA C150	3.96"	4.80	~	6.90	9.05	11.10	13.20	15.30	~	17.40	19.50	21.60	~	25.80
AWWA PVC & DI (mm)	100.6	121.9	~	175 mm	230 mm	282 mm	335 mm	389 mm		442 mm	478 mm	549 mm	~	655 mm
<u>D.I. ISO 2531 EN545 NOMINAL</u>	<u>80</u>	<u>100</u>	<u>125</u>	<u>150</u>	<u>200</u>	<u>250</u>	<u>300</u>	<u>350</u>		<u>400</u>	<u>450</u>	<u>500</u>		<u>600</u>
ISO 2531 EN545 ACTUAL (mm)	98mm	118mm	144 mm	170mm	222mm	274 mm	326 mm	378 mm		429 mm	480 mm	532 mm		635 mm
ISO 2531 EN545 (inches)	3.85	4.65"	5.67 in	6.70	8.74	10.79	12.83	14.88		16.89	18.9	20.94		25.00
JCM 241 Optimum fits?	Yes	Yes	Yes 150psi	Yes	Yes	Yes	Yes	Yes		Yes	Yes			
JCM Range inches	3.45-4.20	4.22-5.60	4.22-5.60	6.28-7.60	8.40-9.75	10.50-12.12	12.50-14.38	14.88-16.93		14.88-16.93	17.32 -19.20			
JCM Range in mm	88 - 106	107 -142	107-142	160 - 193	213.5-247	267 - 308	317.5-365	378 -430		378-430	440 - 487			
PVC ISO/DIN 4422/8061 (mm)	90 mm	110 mm		160 mm	225 mm	280 mm	315 mm	355mm		400 mm	450 mm			
PVC ISO/DIN 4422/8061 (inches)	3.54	4.33		6.35	8.86	11.02	12.40	13.98		15.75	17.72			
JCM 241 Optimum fits?	Yes	Yes		Yes	Yes	Yes	Almost	Yes 12"		Yes 14"				

