

INSERTA TEE[®] PROTRUSION CHART

Protrusion Percentage Per Mainline Diameter													
Inserta Tee Size	Maximum Protrusion	8"	10"	12"	15"	18"	21"	24"	30"	36"	42"	48"	60"
4"	0.60"	7.50%	6.00%	5.00%	4.00%	3.30%	2.90%	2.50%	2.00%	1.70%	1.40%	1.25%	1.00%
6"	0.60"	7.50%	6.00%	5.00%	4.00%	3.30%	2.90%	2.50%	2.00%	1.70%	1.40%	1.25%	1.00%
8"	0.60"		6.00%	5.00%	4.00%	3.30%	2.90%	2.50%	2.00%	1.70%	1.40%	1.25%	1.00%
10"	0.80"				5.30%	4.40%	3.80%	3.30%	2.70%	2.20%	1.90%	1.70%	1.30%
12"	0.90"					5.00%	4.30%	3.80%	3.00%	2.50%	2.10%	1.90%	1.50%
15"	1.00"						4.70%	4.20%	3.30%	2.80%	2.40%	2.10%	1.70%
18"	1.00"							4.20%	3.30%	2.80%	2.40%	2.10%	1.70%
21"	1.00"									2.80%	2.40%	2.10%	1.70%
24"	1.00"										2.40%	2.10%	1.70%

Precise protrusion always depends on the type of mainline pipe used and the installation procedures followed. This chart is intended for reference only and is only for mainline pipes that are made from polyethylene, polyvinyl chloride, and ductile iron. These measurements should be approximate for mainlines that are solid wall, profile, closed profile, or corrugated. Mainlines that are clay or concrete do not protrude (0%).

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DRAWING NUMBER STD-1101



4640 TRUEMAN BLVD
HILLIARD, OH 43026

DRAWN BY:	HAK
DATE:	03/22/23
OK'S BY:	ENG
SCALE:	NTS
SHEET:	1