



TEE - L1 (FEET)

| DIAMETER OF BRANCH (INCHES) | 6" | 8" | 10" | 12" | 16" | 20" | 24" |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|
| DIP | 158 | 207 | 252 | 297 | 297 | 361 | 349 |
| POLYWRAPPED DIP OR PVC | 226 | 296 | 360 | 424 | 546 | 516 | 499 |

FIRST JOINT ON EACH SIDE OF TEE ON RUN SHALL BE A MINIMUM OF 10' FROM THE TEE.

NO. DESCRIPTION:

1. SLIP JOINT PIPE.
2. RESTRAINED JOINT PIPE.
3. HDPE WRAPPED AROUND FITTING AND WEDGE ACTION RESTRAINT GLAND.
4. 2 EACH x 2" CIRCUMFERENTIAL DUCT TAPE OR HDPE ZIP TIES.
5. MECHANICAL JOINT DUCTILE IRON COMPACT FITTING.
6. ALL FLANGE DUCTILE IRON TEE.

DESIGN BASIS:

DIPRA "THRUST RESTRAINT DESIGN FOR DIP"
 LAYING CONDITION: TYPE 2
 SOIL DESIGNATION: SILT 1
 DEPTH OF COVER: 3' MINIMUM (SEE NOTE c.)
 DESIGN PRESSURE: 200 PSI
 SAFETY FACTOR: 2.0

NOTES:

- a. 12" AND SMALLER DIP MAY BE SLIP JOINT PIPE WITH GRIP RESTRAINT GASKETS.
- b. 16" AND LARGER DIP SHALL BE FACTORY RESTRAINT JOINT PIPE AND FITTINGS.
- c. DEPTH OF COVER FOR 16" AND 20" PIPE IS 4' AND FOR 24" PIPE IS 5'.
- d. DESIGN ENGINEER CAN SUBMIT ALTERNATIVE DESIGN BASIS FOR RESTRAINED JOINT LENGTH CALCULATIONS FOR OWNER REVIEW.