

# Logan's O-Ring Joint

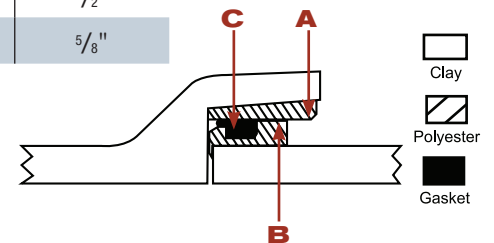
## Field Tested – Field Proven

For more than 50 years the Logan O-Ring joint has been tested – in the field and in the lab. When installed according to the latest revision of ASTM C12 specifications, our pipe and O-Ring joints eliminate the infiltration of groundwater and roots.

## Logan O-Ring Average Dimensions

Pipe Size	Flat Socket "A" Diameter	Spigot "B" Diameter	Groove "C" Dimensions	Clearance* (A-B)/2	Groove* Space (A-C)/2	O-Ring Gasket Diameter
4"	5.585"	5.545"	5.241"	0.020"	0.172"	1/4"
6"	8.538"	8.469"	7.954"	0.035"	0.292"	7/16"
8"	10.868"	10.775"	10.278"	0.047"	0.295"	7/16"
10"	13.255"	13.164"	12.678"	0.047"	0.290"	7/16"
12"	15.690"	15.571"	15.115"	0.060"	0.288"	7/16"
15"	19.430"	19.340"	18.870"	0.045"	0.280"	7/16"
18"	23.253"	23.134"	22.570"	0.060"	0.342"	1/2"
21"	27.205"	27.111"	26.555"	0.047"	0.325"	1/2"
24"	30.994"	30.838"	30.201"	0.078"	0.396"	5/8"

\*Dimensional control of mating surfaces is held to within +/- 0.020".



## Deflection Allowed by ASTM Specification

Normal Diameter	Deflection of Pipe
4-12" (101-305 mm), inclusive	1/2" (42 mm)
15-24" (381-610 mm), inclusive	3/8" (31 mm)

