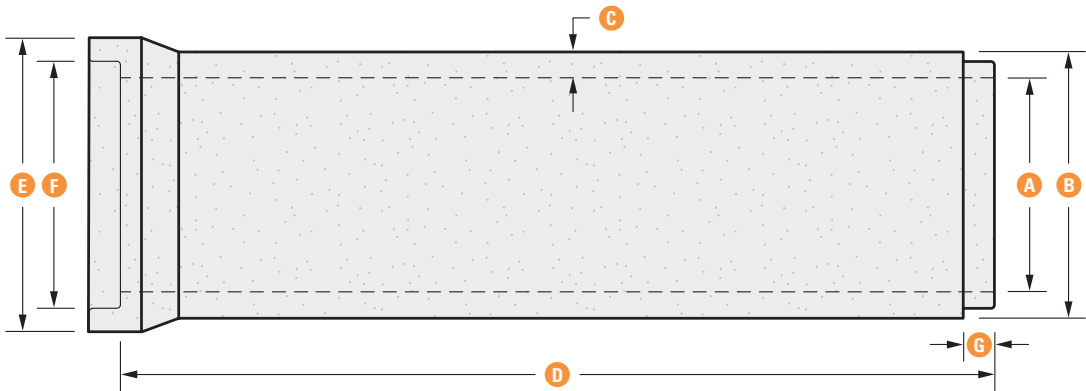


REINFORCED CIRCULAR CONCRETE PIPES Ø250 @ Ø750

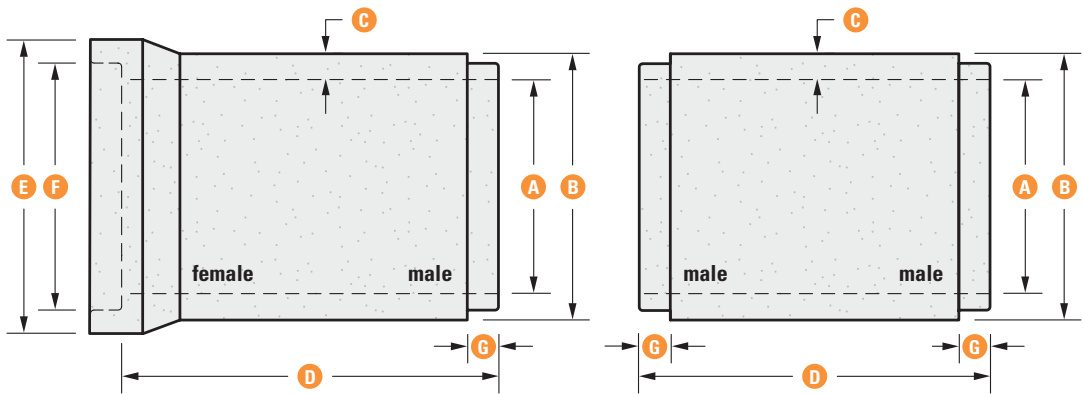


CHARACTERISTICS

	A	B	C	D	E	F	G	
Ø NOMINAL	Ø INTERIOR	Ø EXTERIOR	WALL THICKNESS	LENGTH	Ø FEMALE END EXT.	Ø FEMALE END INT.	KEY LENGTH	WEIGHT Kg/meter
250	254	394	70-C	2500	467	356	89	181
300	305	445	70-C	2500	559	420	89	217
375	381	521	70-C	2500	597	477	89	254
450	457	584	64-B	2500	686	533	89	276
525	533	673	70-B	2500	762	629	89	342
600	610	762	76-B	2500	838	706	89	420
750	762	940	89-B	2500	1003	866	89	605

* All dimensions are in millimeters.

REINFORCED CONCRETE SHORT PIECES Ø250 @ Ø750

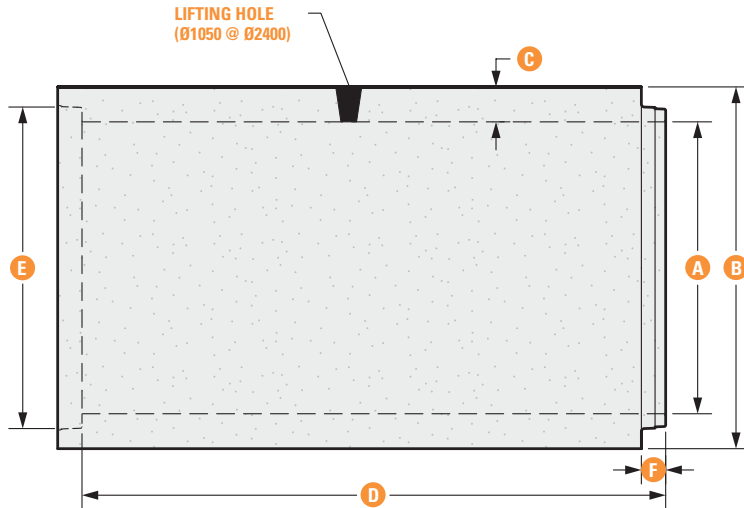


CHARACTERISTICS

Ø NOM.	A	B	C	D	E	F	G		
Ø INT.	Ø EXT.	WALL THICKNESS	LENGTH	Ø FEMALE END EXT.	Ø FEMALE END INT.	KEY LENGTH	MALE/MALE WEIGHT kg/unit	MALE / FEM. WEIGHT Kg/Unit	
250	254	394	70-C	1000	467	356	89	161	193
300	305	445	70-C	1000	559	420	89	190	241
375	381	521	70-C	1000	597	477	89	226	269
450	457	584	64-B	1000	686	533	89	236	303
525	533	673	70-B	1000	762	629	89	319	381
600	610	762	76-B	1000	838	706	89	371	450
750	762	940	89-B	1000	1003	866	89	556	646

* All dimensions are in millimeters.

REINFORCED CIRCULAR CONCRETE PIPES Ø900 @ Ø2400



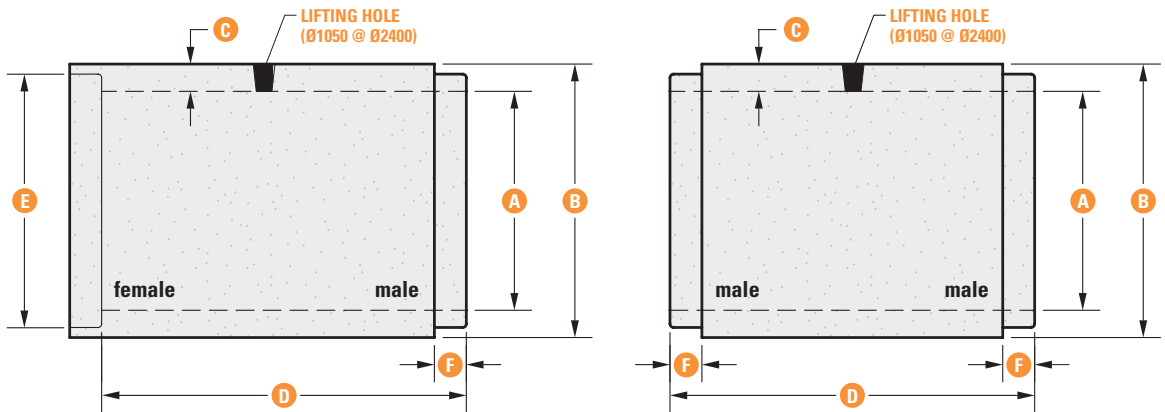
* The pipe Ø2400 has two lifting holes.

CHARACTERISTICS

	A	B	C	D	E	F	
Ø NOMINAL	Ø INT.	Ø EXT.	WALL THICKNESS	LENGTH	Ø INT. OF FEMALE END	KEY LENGTH	WEIGHT Kg/meter
900	914	1156	121-C	2500	1019	89	984
1050	1067	1335	134-C	2440	1177	102	1253
1200	1220	1512	146-C	2440	1343	102	1547
1350	1372	1690	159-C	2440	1493	127	1896
1500	1524	1866	171-C	2440	1658	127	2258
1800	1829	2223	197-C	2440	1980	127	3112
2100	2134	2578	222-C	2440	2308	127	4089
2400	2438	2934	248-C	2440	2664	127	5208

* All dimensions are in millimeters.

REINFORCED CONCRETE SHORT PIECES Ø900 @ Ø2400



CHARACTERISTICS

	A	B	C	D	E	F	
Ø NOM.	Ø INT.	Ø EXT.	WALL THICKNESS	LENGTH	Ø INT. OF FEMALE END	KEY LENGTH	WEIGHT Kg/meter
900	914	1156	121-C	1000	1019	89	984
1050	1067	1335	134-C	1000	1177	102	1253
1200	1220	1512	146-C	1000	1343	102	1547
1350	1372	1690	159-C	1000	1493	127	1896
1500	1524	1866	171-C	1000	1658	127	2258
1800	1829	2223	197-C	1000	1980	127	3112
2100	2134	2578	222-C	1000	2308	127	4089
2400	2438	2934	248-C	1000	2664	127	5208

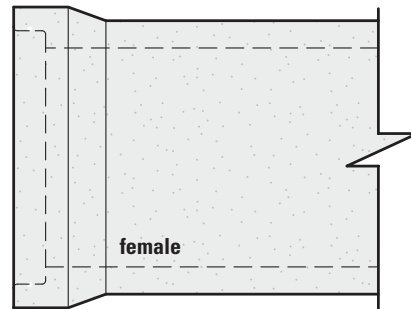
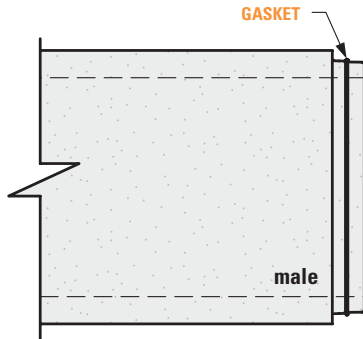
* All dimensions are in millimeters.

* The male / male short pieces Ø1050 and Ø1350 are not available.

JOINT DETAILS

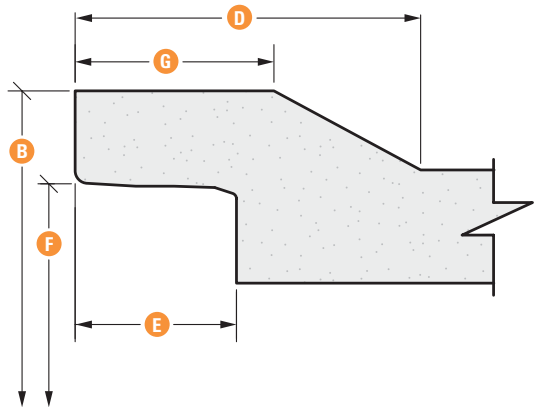
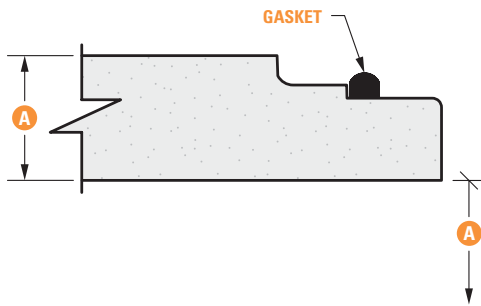
Ø375 @ Ø750

MALE END GASKET INSTALLED ON JOB SITE.



MALE END

FEMALE END



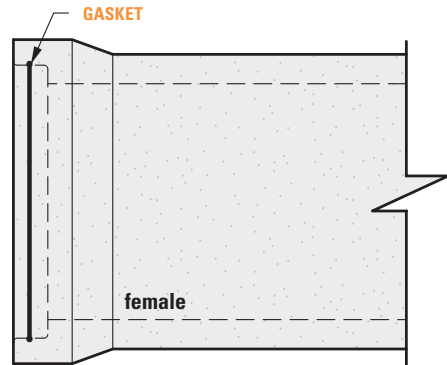
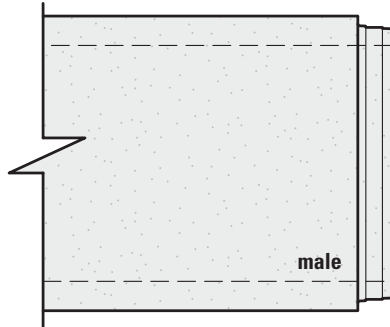
CHARACTERISTICS

	A	B	C	D	E	F	G
Ø NOMINAL	Ø INT.	Ø BELL EXT.	WALL THICKNESS	BELL LENGTH	KEY DEPTH	Ø FEMALE END INT.	LENGTH
375	381	597	70-C	245	89	477	130
450	457	686	64-B	255	89	533	130
525	533	762	70-B	270	89	629	155
600	610	838	76-B	255	89	706	155
750	762	1003	89-B	255	89	866	178

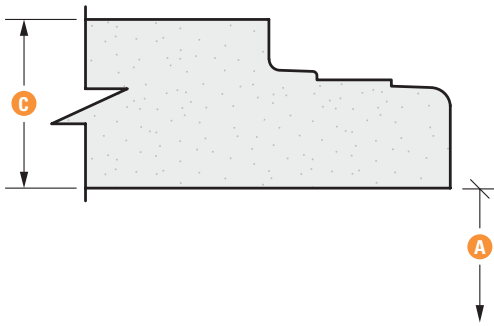
* All dimensions are in millimeters.

JOINT DETAILS Ø250 @ Ø300

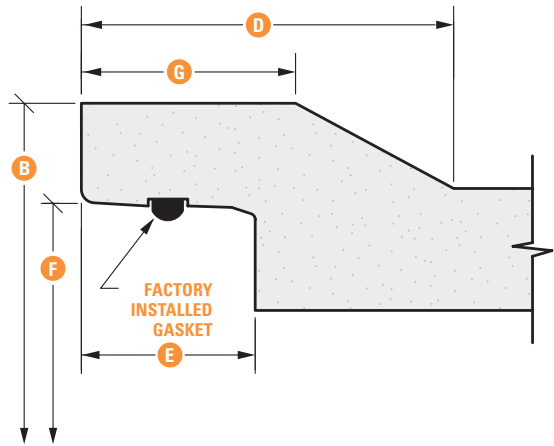
FEMALE END GASKET



MALE END



FEMALE END

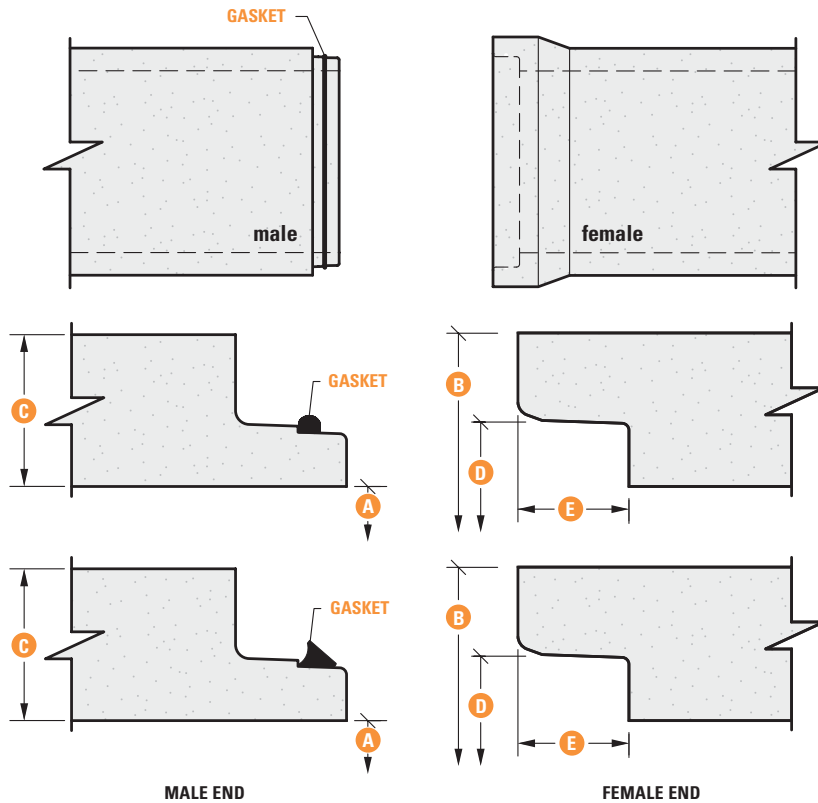


CHARACTERISTICS

	A	B	C	D	E	F	G
Ø NOMINAL	Ø INTÉRIEUR	Ø BELL EXT.	WALL THICKNESS	BELL LENGTH	KEY DEPTH	Ø FEMALE END INT.	LENGTH
250	254	467	70-C	222	89	356	125
300	305	559	70-C	268	89	420	128

JOINT DETAILS

PIPES Ø900 @ Ø2400 (MALE END GASKET IS INSTALLED ON JOB SITE)



CHARACTERISTICS

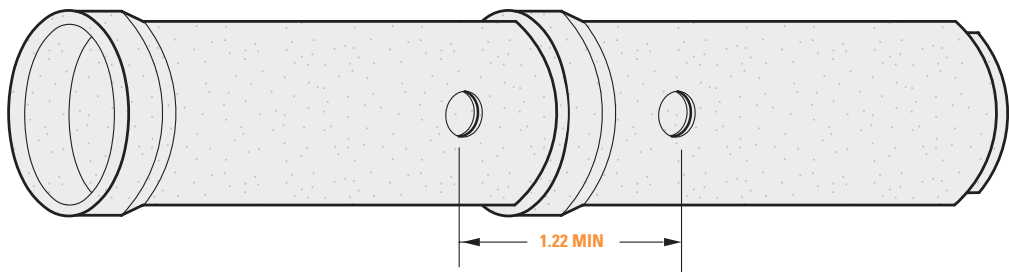
	A	B	C	D	E
Ø NOMINAL	Ø INTERIOR	Ø EXTERIOR	WALL THICKNESS	Ø FEMALE END INT.	KEY DEPTH
900	914	1156	121-C	1019	89
1050	1067	1335	134-C	1177	102
1200	1220	1512	146-C	1343	102
1350	1372	1690	159-C	1493	127
1500	1524	1866	171-C	1658	127
1800	1829	2223	197-C	1980	127
2100	2134	2578	222-C	2308	127
2400	2438	2934	248-C	2664	127

* All dimensions are in millimeters.

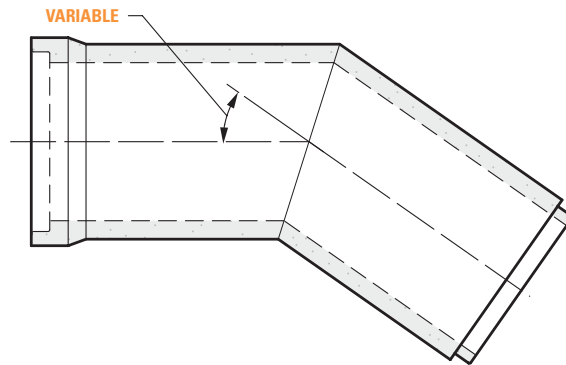
R.C.P ACCESSORIES

MONOLITHIC LATERAL CONNECTION

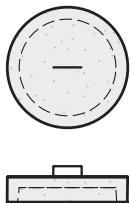
- * Available for gravitating PVC connection (Ø100-Ø125-Ø150-Ø200-Ø250-Ø300)
- * Extremity of the PVC pipe must be bevelled
- * Can be installed at the male or female end.



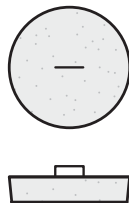
ELBOW Ø250 @ Ø2400



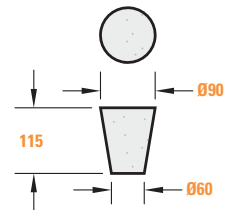
FEMALE CAP



MALE CAP

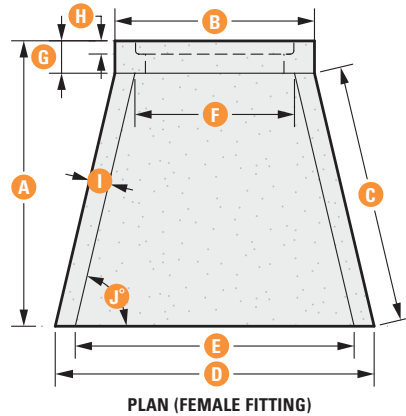
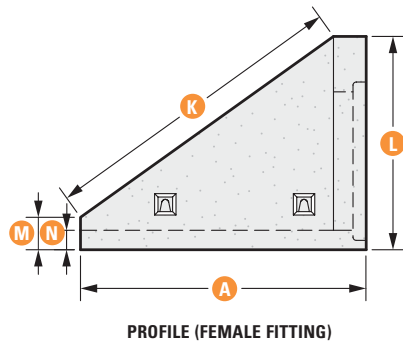
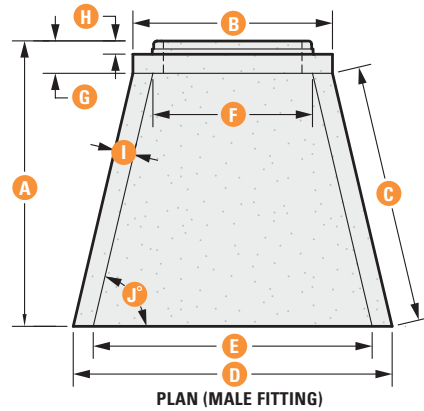
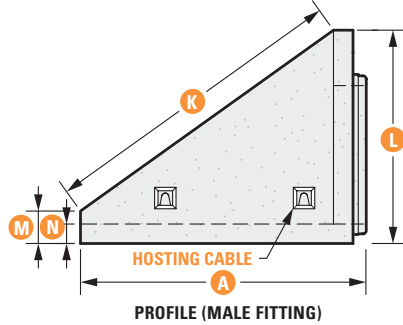


"LIFTING HOLE"
PLUG



STANDARD SLOPE ENDS

FOR REINFORCED CONCRETE PIPES Ø250 @ Ø1500



CHARACTERISTICS

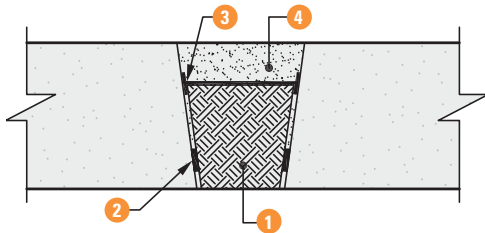
CODE	ØNOM PIPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	WEIGHT (kg)
BU250M-F	250	1200	700	1030	1200	994	494	200	89	100	76	1132	700	170	100	600
BU300M-F	300	1200	700	1030	1200	994	494	200	89	100	76	1132	700	170	100	600
BU375M-F	375	1200	700	1030	1200	994	494	200	89	100	76	1132	700	170	100	600
BU450M-F	450	1200	700	1030	1200	994	494	200	89	100	76	1132	700	170	100	600
BU525M-F	525	1430	832	1244	1202	1000	630	200	89	100	81	1397	832	170	100	710
BU600M-F	600	1430	832	1244	1202	1000	630	200	89	100	81	1397	832	170	100	710
BU750M-F	750	2000	1300	1768	1800	1547	1047	250	89	125	82	2033	1200	200	150	2300
BU900M-F	900	2000	1300	1768	1800	1547	1047	250	89	125	82	2033	1200	200	150	2300
BU1050M-F	1050	2200	1538	2004	2458	2150	1230	250	102	150	77	2397	1644	250	150	3450
BU1200M-F	1200	2200	1538	2004	2458	2150	1230	250	102	150	77	2397	1644	250	150	3450
BU1350M-F	1350	2400	1904	2150	2554	2250	1600	275	125	150	81	2662	1904	300	150	3850
BU1500M-F	1500	2400	1904	2150	2554	2250	1600	275	125	150	81	2662	1904	300	150	3850

* All dimensions are in millimeters.

* Note: other dimensions available upon request.

TIGHT OBTURATION (DOMESTIC LINE))

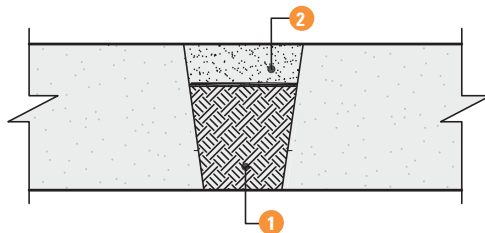
- 1 Precast concrete plug
- 2 Butyl cord 12 X 12mm
- 3 Structural epoxy resin adhesive (insensitive with moisture)
- 4 Non-shrink cement grout ($f' c=40$ MPa @ 28 days)



- Put a butyl cord 2 all around the concrete stopper 1
- Insert the concrete stopper 1 in the lifting hole to crush the butyl cord 2
- With an epoxy resin, whitewash the top of the concrete stopper and the walls of the lifting hole 3
- Fill space by using a non-shrink cement grout 4

NON-TIGHT OBTURATION (STORMWATER LINE)

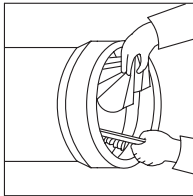
- 1 Precast concrete stopper
- 2 Non-shrink cement grout ($f' c=40$ MPa @ 28 days)



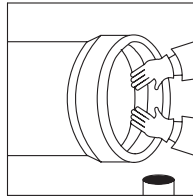
- Insert the concrete stopper in the lifting hole 1
- Fill space by using a non-shrink cement grout 2

PIPE PREPARATION AND ASSEMBLY

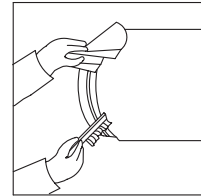
PREPARATION FOR PIPES Ø250 @ Ø300



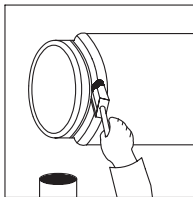
CLEAN THE FEMALE END



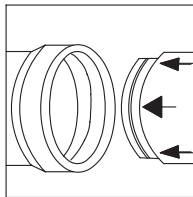
LUBRICATE THE FEMALE END



CLEAN THE MALE END

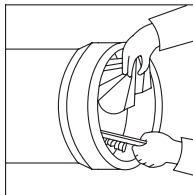


LUBRICATE THE MALE END

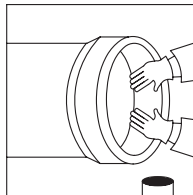


ALIGN THE TWO EXTREMITIES

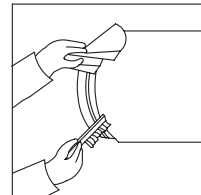
PREPARATION FOR PIPES Ø375 @ Ø2400



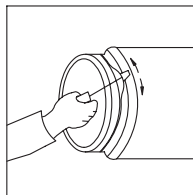
CLEAN THE FEMALE END



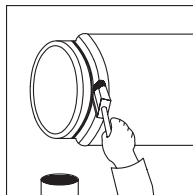
LUBRICATE THE FEMALE END



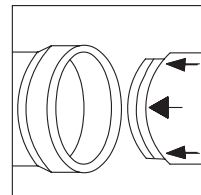
CLEAN THE MALE END



PLACE THE GASKET AND REGULATE THE TENSION BY TURNING AROUND THE CIRCUMFERENCE ON SEVERAL OCCASIONS, A SMOOTH AND ROUND OBJECT BETWEEN THE GASKET AND THE GROOVE



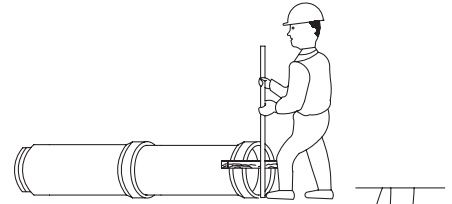
LUBRICATE THE MALE END AFTER GASKET INSTALLATION



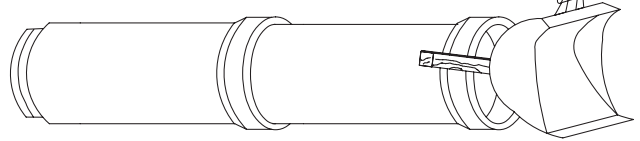
ALIGN THE TWO EXTREMITIES

PIPE PREPARATION AND ASSEMBLY

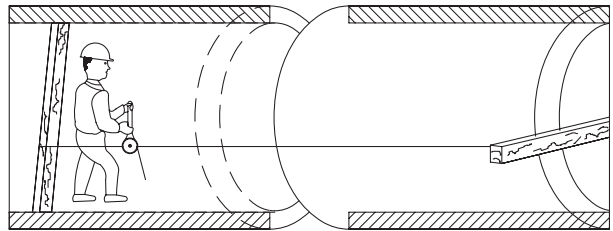
Wedge a bar against a wood block placed horizontally across the end of the bell of the pipe. Exert a pressure. (For pipes from Ø250 to Ø450).



Place a square piece of wood of 150 mm (min.), between the bucket and the joint of the pipe, and then exert a pressure using the back of the backhoe bucket (For pipes from Ø525 to Ø1200).

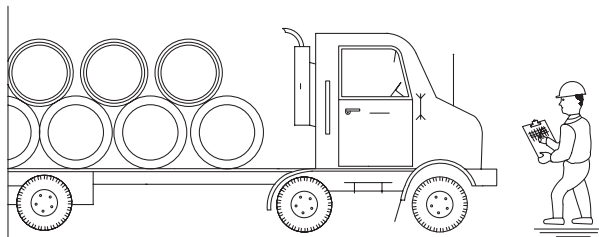


Place inside the pipeline already in place, several sections behind, a wood bar longer than the diameter of the pipe. A stretcher connects this part to another horizontally wood bar placed at the end of the section to be installed. (For pipes Ø1350 and +)(See diagram on other page.)



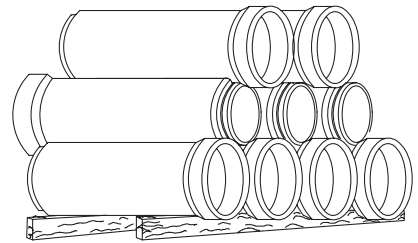
INSPECTION

* Verify at reception the conformity of the products. Indicate all differences, all nonconformity, defect or apparent breaking, missing or erroneous quantity on the delivery slip.



STOCKPILING

* Change side of the pipe after each row.



Note: In accordance with the standards NQ-2622 -126, the lubricant used must be the one provided by the manufacturer of the pipe. The use of any other lubricating product can restrict or cancel the responsibility of the manufacturer with regard to the watertightness or the physical characteristics of the rubber gaskets.