

MODEL HDPE COUPLING

The Lede Model HDPE couplings feature four bolt housings and a series of sharply machined teeth which positively grip the pipe as the coupling housing is tightened. The result is a leak-tight joint that is as strong or stronger than the pipe itself. It also features a contoured housing with integral ramps along the outside diameter to help the coupling slide over most obstacles during the relocation of pipe runs.



SPECIFICATIONS

Housing Coating:

Red Enamel

Note: The Lede HDPE couplings are not intended for use on PVC or other materials.

Housing material:

Ductile Iron conforming to ASTM A536 Gr. 65-45-12.

Gasket material:

EPDM (Silicon free) These gaskets have excellent self sealing capabilities and are designed to provide a leak tight seal.

*Lede recommends the use of a silicone based lubricant for use with the HDPE series.

PLAIN-END HDPE PIPING SYSTEM

The Lede HDPE series of piping components are designed to provide a fast and easy way to mechanically join HDPE (high density polyethylene/polybutylene) pipe.

These components are designed to join HDPE pipe and fittings conforming to ASTM D2447, D3000, D3035 or F-714, at ambient temperatures with wall thicknesses from SDR 32.5.

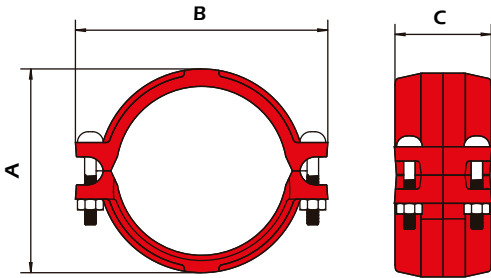
This method eliminates the need for costly heat fusion equipment, solvent joining and or complicated adapters.

Lede HDPE piping components are rated to the same pressure as that of the HDPE pipe they are used in conjunction with.

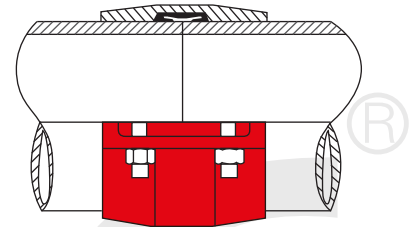
SUBMITTAL INFORMATION

PROJECT:	CONTRACTOR:	DATE:
ENGINEER:	SPECIFICATION REFERENCE:	SYSTEM TYPE:
LOCATIONS:	COMMENTS:	

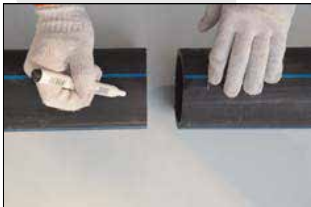
DATA CHART



Pipe O.D. mm/in		Dimensions			Bolt	
Min.	Max.	A mm/in	B mm/in	C mm/in	No.	Size mm/in
63	63.6	85	128	105	4	M10x55
2.48	2.50	3.35	5.04	4.13	4	3/8x2-1/8
90	90.9	110	169	105	4	M12x75
3.54	3.58	4.33	6.65	4.13	4	1/2x3
110	111	138	181	113	4	M12x75
4.33	4.37	5.43	7.13	4.45	4	1/2x3
160	161.5	190	261	147	4	M16x90
6.30	6.36	7.48	10.28	5.79	4	5/8x3-1/2
200	201.8	233	319	154	4	M16x90
7.87	7.94	9.17	12.56	6.06	4	5/8x3-1/2
250	252.3	287	351	136	4	M16x120
9.84	9.93	11.30	13.82	5.35	4	5/8x4-3/4
315	317.9	351	442	136	4	M20x120
12.40	12.52	13.82	17.40	5.35	4	3/4x4-3/4



INSTALLATION



MARKING: Use a marking pen or other marking tool and measuring tape to place marks on each pipe end, 1" from each end.



GASKET MOUNTING: Place a gasket over the pipe ends and center the gasket in between the mark. The pipe ends should always be butted against each other.



HOUSING MOUNTING: Place the housings over gasket and insert bolts. Then apply nuts finger tight.



NUT TIGHTENING: Tighten the nuts alternatively until the housing bolt pads meet metal to metal.

Weights:

All weights are approximate and subject to change without notice.

Lede reserves the right to change or modify product designs, specifications and/or standard equipment without notice and without incurring obligation.

Sales:

Prices and Terms and Conditions of Sale are subject to change without notice.

Warranty:

We warrant all Lede products to be free from defects in materials and workmanship under normal conditions of use and service. For more information please contact LEDE.