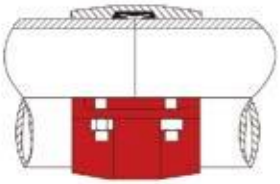
PLAIN-END HDP PIPING SYSTEM

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

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



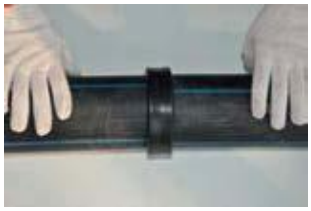
This method eliminates the need for costly heat fusion equipment, solvent joining and/or complicated adapters. Lede HDP piping components are rated to the same pressure as that of the HDP pipe they are used in conjunction with.

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





MARKING: Use a marking pen or other marking tools 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.

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

MODEL HDP COUPLING

The Lede Model HDP 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.



Pipe O.D. mm/in		Dimensions			Bolts	
Min.	Max.	A mm/in	B mm/in	C mm/in	No.	Size mm/in
63	63.6	85	128	105	4	M10×55
2.48	2.50	3.35	5.04	4.13		3/8×2-1/8
90	90.9	110	169	105	4	M12×75
3.54	3.58	4.33	6.65	4.13		1/2×3
110	111	138	181	113	4	M12×75
4.33	4.37	5.43	7.13	4.45		1/2×3
160	161.5	190	261	147	4	M16×90
6.30	6.36	7.48	10.28	5.79		5/8×3-1/2
200	201.8	233	319	154	4	M16×90
7.87	7.94	9.17	12.56	6.06		5/8×3-1/2
250	252.3	287	351	136	4	M16×120
9.84	9.93	11.30	13.82	5.35		5/8×4-3/4
315	317.9	351	442	136	4	M20×120
12.40	12.52	13.82	17.40	5.35		3/4×4-3/4

