

Polyethylene Pipe and Fittings Range

Technical Guide R2.1

Full range of Polyethylene Pipe options and fittings. Light weight, fast and easy assembly for multiple applications.



05.25 | RURAL | R2.1 LOW DENSITY POLYETHYLENE PIPE

Applications

Water reticulation for rural and urban applications

Product Attributes

Economical

Flexible and durable

Various coil sizes available

Easy uncoiling and laying

Strong, thick wall section

Will connect to all New Zealand's leading brands of fittings that comply to NZS 7061

Large range available

Approvals/Standards

NZS 7061 compliant

Quality

Hynds management systems are certified to ISO 9001:2015, 45001:2015, and 14001:2018 standards

Low density fittings enable a fast and easy assembly for connecting Low Density (LDPE) Polyethylene Pipe, creating versatility for a new or existing installation.

Installation

- Cut the pipe ensuring it ends with a square cut.
- If repairing a burst pipe, measure the distance of the replacement fitting between the screwed on nuts – for a guide of how much you need to cut.
- Check the nut is fully wound onto the body of the fitting, before pushing the pipe onto the fitting as far as possible.
- Before tightening with a spanner or pipe grip, wind the nut on to the pipe for several turns.

Low Density “Alkathene” Polyethylene Pipe

- Very flexible and easy to use.
 - Ideal for lower pressure stock water and irrigation systems.
 - Manufactured to NZS 7601.
- LDPE sizes are based on internal bore diameter.
- LDPE is not suitable where a bloat drench is injected into the water line.

Product Code	Internal Diameter	Coil Size (metres)	Pressure Rating
300.15.25	15 mm	25	9 Bar
300.15.50		50	
300.15.100		100	
300.15.200		200	
300.20.25	20 mm	25	8 Bar
300.20.50		50	
300.20.100		100	
300.20.200		200	
300.25.25	25 mm	25	6.5 Bar
300.25.50		50	
300.25.100		100	
300.25.200		200	
300.32.25	32 mm	25	5 Bar
300.32.50		50	
300.32.100		100	
300.32.200		200	
300.40.25	40 mm	25	4.5 Bar
300.40.50		50	
300.40.100		100	
300.40.200		200	
300.50.25	50 mm	25	3.5 Bar
300.50.50		50	
300.50.100		100	

Lateral Tube			
13mm	3.1Bar/45PSI	100M	400M
16mm	3.1Bar/45PSI	100M	400M
19mm	3.1Bar/45PSI	100M	300M
25mm	3.1Bar/45PSI	100M	200M

Notes: The Hynds branch network carry a full range of associated fittings and accessories.

For LDPE and Lateral the maximum operating pressure at 20°C.



TABLE 1 Hex Cap

Product Code	Diameter
LDF-CH15	15 mm
LDF-CH20	20 mm
LDF-CH25	25 mm
LDF-CH32	32 mm
LDF-CH40	40 mm
LDF-CH50	50 mm
LDF-CH65	65 mm
LDF-CH80	80 mm



TABLE 2 Reducing Bush

Product Code	Diameter
LDF-BR1510	15 x 10 mm
LDF-BR2015	20 x 15 mm
LDF-BR2515	25 x 15 mm
LDF-BR2520	25 x 20 mm
LDF-BR3220	32 x 20 mm
LDF-BR3225	32 x 25 mm
LDF-BR4020	40 x 20 mm
LDF-BR4025	40 x 25 mm
LDF-BR4032	40 x 32 mm
LDF-BR5020	50 x 20 mm
LDF-BR5025	50 x 25 mm
LDF-BR5032	50 x 32 mm
LDF-BR5040	50 x 40 mm
LDF-BR6540	65 x 40 mm
LDF-BR6550	65 x 50 mm
LDF-BR8050	80 x 50 mm
LDF-BR8065	80 x 65 mm
LDF-BR10080	100 x 80 mm



TABLE 3 Reducing Tee

Product Code	Diameter
LDF-TR152015	15 x 20 x 15 mm
LDF-TR201520	20 x 15 x 20 mm
LDF-TR202520	20 x 25 x 20 mm
LDF-TR251525	25 x 15 x 25 mm
LDF-TR252025	25 x 20 x 25 mm
LDF-TR322032	32 x 20 x 32 mm
LDF-TR322532	32 x 25 x 32 mm
LDF-TR402540	40 x 25 x 40 mm
LDF-TR403240	40 x 32 x 40 mm
LDF-TR503250	50 x 32 x 50 mm
LDF-TR504050	50 x 40 x 50 mm



TABLE 4 Hex Nipple Reducer

Product Code	Diameter
LDF-NH2015	20 x 15 mm
LDF-NH2515	25 x 15 mm
LDF-NH2520	25 x 20 mm
LDF-NH3220	32 x 20 mm
LDF-NH3225	32 x 25 mm
LDF-NH4020	40 x 20 mm
LDF-NH4025	40 x 25 mm
LDF-NH4032	40 x 32 mm
LDF-NH5020	50 x 20 mm
LDF-NH5025	50 x 25 mm
LDF-NH5032	50 x 32 mm
LDF-NH5040	50 x 40 mm
LDF-NH8065	80 x 65 mm



TABLE 5 Female Bend

Product Code	Diameter
LDF-BF15	15 mm
LDF-BF20	20 mm
LDF-BF25	25 mm
LDF-BF32	32 mm
LDF-BF40	40 mm
LDF-BF50	50 mm



TABLE 6 Reducing Female Bend

Product Code	Diameter
LDF-BF1520	15 x 20 mm
LDF-BF2015	20 x 15 mm
LDF-BF2520	25 x 20 mm
LDF-BF3225	32 x 25 mm
LDF-BF4032	40 x 32 mm
LDF-BF5040	50 x 40 mm

**TABLE 7** Bend

Product Code	Diameter
LDF-B15	15 mm
LDF-B20	20 mm
LDF-B25	25 mm
LDF-B32	32 mm
LDF-B40	40 mm
LDF-B50	50 mm

**TABLE 8** Long Male Bend

Product Code	Diameter
LDF-BML15	15 mm
LDF-BML20	20 mm
LDF-BML25	25 mm

**TABLE 9** Reducing Male Coupling

Product Code	Diameter
LDF-CM1520	15 x 20 mm
LDF-CM2015	20 x 15 mm
LDF-CM2025	20 x 25 mm
LDF-CM2515	25 x 15 mm
LDF-CM2520	25 x 20 mm
LDF-CM3220	32 x 20 mm
LDF-CM3225	32 x 25 mm

**TABLE 10** Male Bend

Product Code	Diameter
LDF-BMS15	15 mm
LDF-BMS20	20 mm
LDF-BMS25	25 mm
LDF-BMS32	32 mm
LDF-BMS40	40 mm
LDF-BMS50	50 mm

**TABLE 11** Female Coupling

Product Code	Diameter
LDF-CF15	15 mm
LDF-CF20	20 mm
LDF-CF25	25 mm
LDF-CF32	32 mm
LDF-CF40	40 mm
LDF-CF50	50 mm

**TABLE 12** Reducing Female Coupler

Product Code	Diameter
LDF-CF2015	20 x 15 mm
LDF-CF2520	25 x 20 mm
LDF-CF3225	32 x 25 mm
LDF-CF4032	40 x 32 mm
LDF-CF5040	50 x 40 mm

**TABLE 13** Reducing Coupling

Product Code	Diameter
LDF-CR2015	20 x 15 mm
LDF-CR2515	25 x 15 mm
LDF-CR2520	25 x 20 mm
LDF-CR3220	32 x 20 mm
LDF-CR3225	32 x 25 mm
LDF-CR4032	40 x 32 mm
LDF-CR5040	50 x 40 mm

**TABLE 14** Reducing Male Bend

Product Code	Diameter
LDF-BRM1520	15 x 20 mm
LDF-BRM2015	20 x 15 mm
LDF-BRM2025	20 x 25 mm
LDF-BRM2520	25 x 20 mm

**TABLE 15** Reducing Hex Sockets

Product Code	Diameter
LDF-SH2015	20 x 15 mm
LDF-SH2515	25 x 15 mm
LDF-SH2520	25 x 20 mm
LDF-SH3220	32 x 20 mm
LDF-SH3225	32 x 25 mm
LDF-SH4020	40 x 20 mm
LDF-SH4025	40 x 25 mm



TABLE 16 Threaded Male/Female Elbow

Product Code	Diameter
LDF-EMFT15	15 mm
LDF-EMFT20	20 mm
LDF-EMFT25	25 mm
LDF-EMFT32	32 mm
LDF-EMFT40	40 mm
LDF-EMFT50	50 mm



TABLE 17 Threaded Elbow

Product Code	Diameter
LDF-ET15	15 mm
LDF-ET20	20 mm
LDF-ET25	25 mm
LDF-ET32	32 mm
LDF-ET40	40 mm
LDF-ET50	50 mm
LDF-ET80	80 mm



TABLE 18 Backing Nut

Product Code	Diameter
LDF-BN15	15 mm
LDF-BN20	20 mm
LDF-BN25	25 mm
LDF-BN32	32 mm
LDF-BN40	40 mm
LDF-BN50	50 mm



TABLE 19 Bracket Elbow

Product Code	Diameter
LDF-BE15	15 mm
LDF-BE1520	15 x 20 mm
LDF-BE20	20 mm
LDF-BE2015	20 x 15 mm



TABLE 20 Long Repair Coupler

Product Code	Diameter
LDF-CLR15	15 mm
LDF-CLR20	20 mm
LDF-CLR25	25 mm



TABLE 21 Threaded Tee

Product Code	Diameter
LDF-TT15	15 mm
LDF-TT20	20 mm
LDF-TT25	25 mm
LDF-TT32	32 mm
LDF-TT40	40 mm
LDF-TT50	50 mm



TABLE 22 Hex Sockets

Product Code	Diameter
LDF-SH15	15 mm
LDF-SH20	20 mm
LDF-SH25	25 mm
LDF-SH32	32 mm
LDF-SH40	40 mm
LDF-SH50	50 mm
LDF-SH65	65 mm



TABLE 23 Female Tee

Product Code	Diameter
LDF-TF15	15 mm
LDF-TF20	20 mm
LDF-TF25	25 mm
LDF-TF32	32 mm
LDF-TF40	40 mm
LDF-TF50	50 mm



TABLE 24 Tee

Product Code	Diameter
LDF-T15	15 mm
LDF-T20	20 mm
LDF-T25	25 mm
LDF-T32	32 mm
LDF-T40	40 mm
LDF-T50	50 mm



TABLE 25 Male Coupling

Product Code	Diameter
LDF-CM15	15 mm
LDF-CM20	20 mm
LDF-CM25	25 mm
LDF-CM32	32 mm
LDF-CM40	40 mm
LDF-CM50	50 mm



TABLE 26 Hex Plug

Product Code	Diameter
LDF-PH15	15 mm
LDF-PH20	20 mm
LDF-PH25	25 mm
LDF-PH32	32 mm
LDF-PH40	40 mm
LDF-PH50	50 mm
LDF-PH65	65 mm



TABLE 27 Male Tee

Product Code	Diameter
LDF-TM152015	15 x 20 mm
LDF-TM20	20 mm



TABLE 28 Hose

Product Code	Diameter
LDF-HT15	15 mm
LDF-HT20	20 mm
LDF-HT25	25 mm
LDF-HT32	32 mm
LDF-HT40	40 mm
LDF-HT50	50 mm
LDF-HT80	80 mm



TABLE 29 Hex Nipple

Product Code	Diameter
LDF-NH15	15 mm
LDF-NH20	20 mm
LDF-NH25	25 mm
LDF-NH32	32 mm
LDF-NH40	40 mm
LDF-NH50	50 mm
LDF-NH80	80 mm



TABLE 30 Straight Coupling

Product Code	Diameter
LDF-C15	15 mm
LDF-C20	20 mm
LDF-C25	25 mm
LDF-C32	32 mm
LDF-C40	40 mm
LDF-C50	50 mm

Branches Nationwide *Support Office & Technical Services 09 274 0316*

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.

0800 496 377
hyndsrural.co.nz | rural@hynds.co.nz

