

PE PIPES LDPE

Low density polyethylene pipes and tubes for use in agricultural irrigation systems, water delivery systems, assembly sets, and automation applications.



Contains Recycled Plastic



High Durability & ISO 8779 Certified



Backed by Netafim 5 Year Warranty

Benefits & Features

→ Multiple diameters & coil lengths

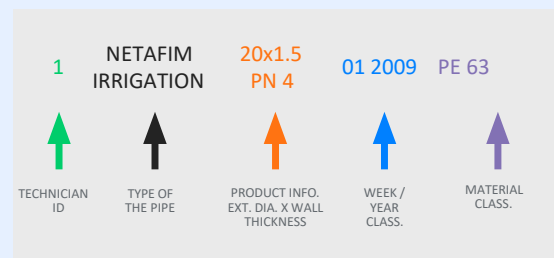
- ✓ All pipes are manufactured with UV and oxidation protection, making them durable to solar radiation without significant damage for many years
- ✓ Micro-organisms or fungi do not attack PE pipes, either internally or externally
- ✓ PE pipes are resistant to saline water, acid or alkaline solutions (excluding highly concentrated solutions) and to most substances employed in agricultural applications
- ✓ Available in standard coil lengths, large diameter reels or pipe rods, to meet specific requirements

→ Available in black, bright white or purple

- ✓ Made with quality low or medium density polyethylene resin, especially formulated to resist cracking and kinking, and to ensure long-term reliability
- ✓ Precision manufacturing to ensure the uniformity of internal diameter and wall thickness
- ✓ Contains recycled material that contributes to achieving a circular economy and helps growers reach their ESG targets.
- ✓ 5 Year Warranty, provides best in-class reassurance on all blank polyethylene tubing 1.0mm and upwards.

Specifications & Recommendations

- Standard irrigation pipes, produced according to Israeli Standard SI 8779 that fits the International Standard ISO 8779
- Tubes 13/3, 19/3, 25/3, 32/3, 20/4 and 25/4, produced according to Netafim™ quality standards
- Each pipe can be identified by its outer diameter and by its class (3 or 4 bar). On each 1 meter of the pipe there is a mark that represents the following:



Product Range



- ✓ Bright white and purple co-extruded options
- ✓ Pre-punched Black and White co-extruded options available
- ✓ ISO/EURO 4 bar specification

- ISO 8779 vs. AS 2698
Nominal diameter of ISO 8779 refers to outer diameter (OD) whilst AS 2698 nominal diameter refers to internal diameter (ID).
- Please ensure that you are utilizing the relevant standards when ordering from our LDPE range.

Low Density Polyethylene Pipe (LDPE)

BLACK LDPE

MODEL	PIPE ID (MM)	PIPE OD (MM)	WALL THICKNESS* (MM)	PN (CLASS)	MAX. WORKING PRESSURE (BAR)	MATERIAL CLASS	TIE COIL LENGTH					
							1.0 METER	25 METERS	50 METERS	100 METERS	200 METERS	300 METERS
13/3	12.9	15.4	1.25	3	3	TYPE 30	-	19961-013025	19961-013050	19961-013100	-	19961-013300
19/3	19.2	21.9	1.35	3	3	TYPE 30	19961-091910	19961-019025	19961-019050	19961-019100	19961-019200	-
25/3	25.4	28.5	1.55	3	3	TYPE 30	-	-	19961-025050	19961-025100	19961-025200	-
32/3	31.7	35.8	2.05	3	3	TYPE 30	-	-	-	19961-032100	19961-032200	-

Co-Extruded LDPE

BRIGHT WHITE LDPE

TYPE	MODEL	PIPE ID (MM)	PIPE OD (MM)	WALL THICKNESS* (MM)	PN (CLASS)	MAX. WORKING PRESSURE (BAR)	MATERIAL CLASS	TIE COILS LENGTH	
								100 METERS	200 METERS
AUS STANDARD 3 BAR RATING	19/3	19.2	21.9	1.35	3	3	TYPE 30	-	19961-119200
	25/3	25.4	28.5	1.55	3	3	TYPE 30	-	19961-125200
	32/3	31.7	35.8	2.05	3	3	TYPE 30	-	19961-132200
EUROPEAN STANDARD 4 BAR RATING	20/4	17.6	20.0	1.2	4	4	PE40	19950-715050	19950-715150
	25/4	22.0	25.0	1.5	4	4	PE40	19950-715720	19950-715920

PURPLE LDPE

MODEL	PIPE ID (MM)	PIPE OD (MM)	WALL THICKNESS* (MM)	PN (CLASS)	MAX. WORKING PRESSURE (BAR)	MATERIAL CLASS	TIE COILS LENGTH		
							50 METERS	100 METERS	200 METERS
13/3	12.9	15.4	1.25	3	3	TYPE 30	-	19961-213100	-
19/3	19.2	21.9	1.35	3	3	TYPE 30	-	19961-219100	-
25/3	25.4	28.5	1.55	3	3	TYPE 30	19961-225050	19961-225100	19961-225200
32/3	31.7	35.8	2.05	3	3	TYPE 30	-	19961-232100	19961-232200

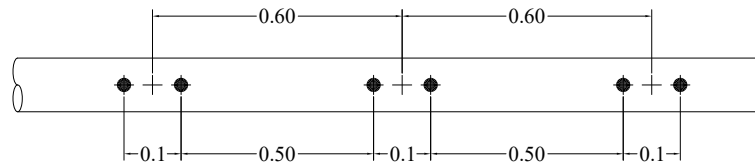
/ Pre-Punched

It is available in both black and white generally supplied as a 19/3. Other definable characteristics are outlined in the product code as follows:

CODE	DESCRIPTION
19960-132150	PRP 19013 2H 0.10M^0.50M 200M W AU 19/3

/ DESCRIPTION

PRP	PRE-PUNCHED
19013	NOMINAL 19MM DIAMETER WITH NOMINAL 1.3MM WALL THICKNESS
2H	TWO PUNCHED HOLES IN THE CLUSTER
0.10M^	0.10M SPACING BETWEEN THE HOLES IN THE CLUSTER
0.50M	0.50M FROM THE LAST HOLE IN THE PREVIOUS CLUSTER TO THE FIRST HOLE IN THE NEXT CLUSTER
200M	COIL LENGTH 200M TOTAL
W AU	CO-EXTRUDED WHITE OVER BLACK TUBE (AUSTRALIA/NEW ZEALAND STANDARD LDPE)
19/3	NOMINAL 19MM DIAMETER PN3 (BAR)



The centre-to-centre of cluster dimension 0.60M is not part of the description. Netafim offers 3- and 4-hole clusters, with a minimum distance between holes of 0.10M and a minimum order quantity of 5000m.

MODEL	PUNCHED HOLES	HOLE SPACING IN CLUSTER (METER)	HOLE SPACING (METER)	CO-EX-TRUDED COLOUR	ID (MM)	PIPE OD (MM)	WALL THICKNESS* (MM)	PN (CLASS)	MAX. WORKING PRESSURE (BAR)	MATERIAL CLASS	TIE COILS LENGTH (M)
											200 METERS
19/3	1	-	0.125	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131901
19/3	1	-	0.15	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131015
19/3	1	-	0.20	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131020
19/3	1	-	0.23	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131023
19/3	1	-	0.30	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131030
19/3	1	-	0.33	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131033
19/3	1	-	0.40	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131040
19/3	1	-	0.40	AU	19.2	21.9	1.35	3	3	TYPE 30	19960-031040
19/3	1	-	0.50	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131050
19/3	1	-	0.80	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-131080
19/3	2	0.1	0.30	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132130
19/3	2	0.1	0.40	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132140
19/3	2	0.1	0.50	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132150
19/3	2	0.1	0.56	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132156
19/3	2	0.1	0.60	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132160
19/3	2	0.1	0.65	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132165
19/3	2	0.1	0.70	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132170
19/3	2	0.1	0.90	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132190
19/3	2	0.1	1.00	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132110
19/3	2	0.15	0.85	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132904
19/3	2	0.2	0.46	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132246
19/3	2	0.3	0.36	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132336
19/3	2	0.35	0.40	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132901
19/3	2	0.4	0.50	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-132450
19/3	3	0.1	0.70	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-133170
19/3	3	0.1	0.80	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-133180
19/3	4	0.1	0.35	W AU	19.2	21.9	1.35	3	3	TYPE 30	19960-134135
25/3	1	-	0.25	W AU	25.4	28.5	1.55	3	3	TYPE 30	19960-141025

*AS2698 UP TO 25 C. ISO/EU STANDARD UP TO 35 C.

/ HydroCalc 3.0

- ✓ Netafim HydroCalc, the irrigation hydraulic calculator of choice for thousands of professionals around the world, brings you absolute confidence in your hydraulic decisions.
- ✓ Lateral, Submain, Manifold and Mainline calculations.
- ✓ Flexibility - HydroCalc 3.0 is smart enough to let you make calculations with the information you have. For example, you can enter either outlet or inlet pressure, and you can define elevation change in meters/feet or percentage
- ✓ Valve, Flushing Manifold, Shift and Energy calculations Coming Soon!



/ Recycled Materials

- ✓ Netafim uses the highest quality raw materials in the production of our LDPE pipes and dripperlines, including the use of virgin raw materials and recycled materials. We are the only irrigation manufacturer to offer a completely closed loop recycling program. We call it Netafim Recoil. Recoil recycles used drip lines and removes agricultural plastic waste from the field to minimize the environmental impact. We process that field waste material and use it in our manufacturing process, creating a closed loop circular economy. Products that contain recycled material are still backed by our industry leading warranty, so it's good for our customers and for the planet!

For more information on Netafim Recoil, contact us on recoil@netafim.com or call our office on +61-(0)3-8331-6500