



# AGROPIPES

- HELPING THE HANDS THAT HELP SRI LANKA SINCE 1958 -

Anton is a truly Sri Lankan household solution manufacturer. For over 60 years the brand has helped both local and international customers to find their ideal household solutions through its authentic designs, consistent innovation, globally recognized quality standards, and customer-centric organizational process. The company has state of the art innovation center to research and develop new products with the future in mind. A key successful product of the innovation center is **Agro Pipes** which cater to Sri Lankan agricultural sector while strengthening the economy.

# AGRO PIPE DETAILS

## Material Type - Linear Low Density Polyethylene (LLDPE)

### Material Specification

Property	Test Method	Unit	Typical Value
Melt Flow Index(190°C/2.16kg)	ASTM D1238	gm/10 min	4.5
Density(23°C)	ASTM D1505	gm/cm <sup>3</sup>	0.936
Tensile Strength at Yield	ASTM D638	MPa	18
Elongation at Yield	ASTM D638	%	20
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	6000
Notched Izod Impact Strength	ASTM D256	kg.cm/cm	25
ESCR (F-50,10% Igepal)	ASTM D1693	hr	>350
Hardness	ASTM D2240	Type D	55
Vicat Softening Point	ASTM D1525	°C	117

## Mechanical Properties

Maximum allowable Pressure at 27 °C (+/- 2 °C) -10 bar

### Product Specification

Property	Mean Out Side Diameter (mm)	Thickness (mm)		Length	Colour
		Min	Max		
1/2"	21.3 - 21.6	2.30	2.70	60m (-0/+0.10)	Black
3/4"	26.8 - 27.4	2.50	2.90		Black
1"	32.0 - 32.2	3.00	3.40		Black
1 1/4"	41.8 - 42.4	3.20	3.70		Black
1 1/2"	45.6 - 46.0	3.20	3.70		Black
2"	60.3 - 60.9	3.30	4.00		Black
3"	92.2 - 93.2	7.60	8.60		Black

