



**WISE ELASTICS**

PIPING AFRICA

## **HDPE PIPE DISTRIBUTION & FITTINGS**



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# About Us

Wise Elastics is a black owned leading distributor of high-quality HDPE products designed for a wide range of applications. Currently operating from Mokopane, in the Limpopo Province, Wise Elastics offers a diverse selection of HDPE products, including pipes, fittings and machinery to various industries, and project needs.

***Our commitment to excellence and customer satisfaction sets us apart as a reliable partner for all your HDPE requirements.***



## Sectors We Service

Include:

- Civil and Infrastructure
- Mining and Industrial
- Irrigation
- Water and Sanitation



# Mission and Vision

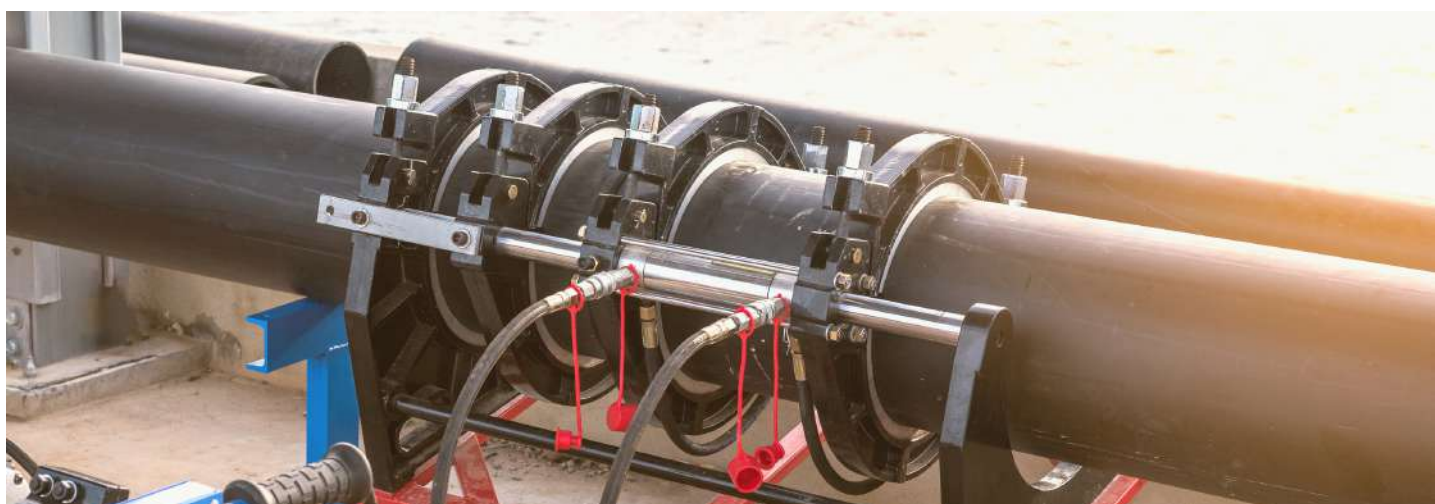
## Vision

Our vision at Wise Elastics is to be the leading provider of top-notch HDPE products and services, revolutionising the industry through innovation and superior quality.

***We aim to exceed our customers' expectations consistently.***

## Mission

We strive to deliver exceptional HDPE solutions that meet the highest standards of quality and reliability. By prioritising customer needs, ensuring sustainability, and fostering a culture of continuous improvement.



# Our Core Values

## Quality

We are dedicated to delivering products that adhere to stringent quality standards, ensuring the utmost durability and performance for our customers.

## Innovation

We embrace innovation and creativity to continuously improve our products and services, staying at the forefront of the HDPE industry.

## Sustainability

We are committed to minimising our environmental impact through responsible distribution practices.

## Customer-Centricity

Our customers are at the heart of everything we do, and we actively listen to their needs, offering personalised solutions to achieve their goals.

## Integrity

Honesty and transparency are fundamental to our business practices, fostering trust and strong relationships with our clients and partners.





# Products

We provide a whole range of quality products that meet ISO and SABS standards.

***Our HDPE pipes and fittings find versatile applications in a multitude of industries and sectors.***

**Our range of products features:**

- Pipe work machinery
- PVC valves and fittings
- Brass valves and fittings
- Stainless steel valves and fittings
- Compression fittings
- JIS fittings
- Galvanised fittings

# Product Applications

Some of the key applications include:

- **Mining:** HDPE pipe systems are ideal for mining applications, offering durability and resistance to abrasion, corrosion, and chemicals. They ensure efficient transportation of mining fluids and materials.
- **Waterworks:** Our HDPE pipes serve as essential components in water distribution systems, providing leak-free and long-lasting solutions for water supply networks.
- **Agriculture / Irrigation:** HDPE pipes are perfect for irrigation systems, ensuring efficient water delivery to agricultural fields and landscapes, optimizing water usage.
- **Gas lines:** The outstanding properties of HDPE make it a reliable choice for gas transportation, offering high tensile strength and resistance to pressure fluctuations.
- **Plumbing:** HDPE pipes are widely used in plumbing applications for both residential and commercial buildings, ensuring safe and reliable water conveyance.

## Features

High impact strength, excellent corrosion resistance, and very good chemical resistance ensure durability and longevity.	Excellent abrasion resistance and chemical inertness make it suitable for harsh environments and acidic soil conditions.	High impact strength, excellent corrosion resistance, and very good chemical resistance ensure durability and longevity.
Biologically inert to microorganisms, ensuring safe use in various applications.	Fusion welding capability ensures leak-free joints with a smooth bore and low friction loss.	Lightweight and easy handling (about 1/8 of steel) simplify installation and maintenance.
High flexibility allows for long lengths to be coiled and inherent resistance to ground movement enhances stability.	Non-toxic and safe for drinking water, making it ideal for water supply applications.	Wide range of sizes (16mm to 2000mm) accommodate various project needs.
Suitable for trenchless technologies, making it an excellent choice for rehabilitating old pipelines.	Offers low installation cost and maintenance-free operation.	



## Physical Properties

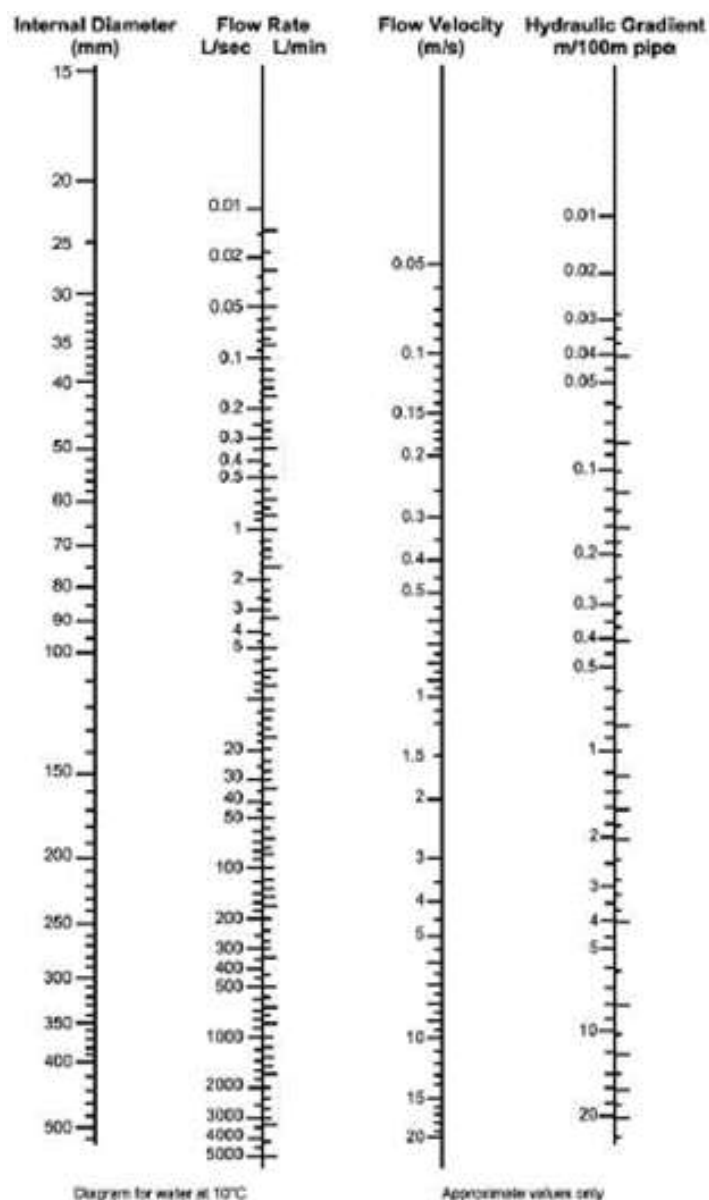
Physical Properties	Test Mode	Values	Unit
Density	ISO 1183	0.958	g/cm <sup>3</sup>
Melt Flow Index (190°C / 21.6Kg)	ISO 1133	6.5	g/10 min.
Melt Flow Index (190°C/5Kg)	ISO 1133	0,23	g/10 min.
Vicat Softening point (5Kg)	ISO 306	67	°C
Crystalline Melting Range	ISO 3146-85	130- 133	°C
Viscosity Number	ISO 1628-3	390	cm <sup>3</sup> /g

## Mechanical Properties

Physical Properties	Test Mode	Values	Unit
Shore D. Hardness	ISO 868	61	-
Tensile @ Yield	ISO 527	26	MPa
Ultimate Tensil	ISO 527	35	MPa
Ultimate Elongation	ISO 527	>600	%
Elastic Modules	ISO 527	900	MPa
Flexural Stress (3.5% Deflection)	ISO 178	19	MPa
Notched Impact (Charpy) acN 23°C	ISO 119	20	KJ/m <sup>3</sup>
Notched Impact (Charpy) acN 30°C	ISO 179	6	KJ/m <sup>3</sup>
Thermal Stability 210°C	ISO 10837	>60	min.
Carbon Black Content	ASTM D 1603	>2	%







## Pressure Pipe Dimensions

Nominal Size DN/DO	Nominal outside diameter	Mean outside diameter		Maximum out-of-roundness (ovality)
		min	max	
20	20	20.0	20.3	1.2
25	25	25.0	25.3	1.2
32	32	32.0	32.3	1.3
40	40	40.0	40.4	1.4
50	50	50.0	50.4	1.4
63	63	63.0	63.4	1.5
75	75	75.0	75.5	1.6
90	90	90.0	90.6	1.8
110	110	110.0	110.7	2.2
125	125	125.0	125.8	2.5
140	140	140.0	140.9	2.8
160	160	160.0	161.0	3.2
180	180	180.0	181.1	3.6
200	200	200.0	201.2	4.0
225	225	225.0	226.4	4.5
250	250	250.0	251.5	5.0
280	280	280.0	281.7	9.8
315	315	315.0	316.9	11.1
355	356	355.0	357.2	12.5
400	401	400.0	402.4	14
450	451	450.0	452.7	15.6
500	502	500.0	503.0	17.5
560	562	560.0	563.4	19.6
630	632	630.0	633.8	22.1

## Guide to using a Nomogram

When using a Nomogram, follow these simple steps for accurate and efficient calculations:

1. Gather the Necessary Information: \*\* Ensure you have at least two of the four required values for your calculation.
2. Prepare a Straight Edge: Have a straight edge on hand to use during the process.
3. Position the Straight Edge: Place the straight edge across all four columns of the Nomogram, ensuring it intersects the two known values.
4. Read Off the Results: Once the straight edge is properly aligned, read off the other two values that correspond to your calculation.

By following these straightforward steps, you can make the most of our Nomogram tool and streamline your HDPE pipe distribution calculations with ease.

## Wall Thickness and Mass Metre

PE63 (5MPa) SABS 533			PN 2.5				PN 3.2				PN 4			
PE80 (6.3MPa) ISO 4427			PN 3.2				PN 4				PN 5			
PE100 (8MPa) ISO 4427			PN 4				PN 5				PN 6.3			
Standard Dimension Ratio			SDR 41				SDR 33				SDR 26			
OD			WALL THICKNESS			MASS	WALL THICKNESS			MASS	WALL THICKNESS			MASS
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX	
mm	Flo-Tek	mm	mm	Flo-Tek	mm	kg/m	mm	Flo-Tek	mm	kg/m	mm	Flo-Tek	mm	kg/m
16.0	16.15	16.3												
20.0	20.15	20.3												
25.0	25.15	25.3												
32.0	32.15	32.3												
40.0	40.20	40.4	BLUE	NON	SABS	PIPES								
50.0	50.20	50.4	2.0	2.15	2.3	0.311					2.0	2.15	2.3	0.311
63.0	63.20	63.4	2.0	2.15	2.3	0.395					2.5	2.70	2.9	0.492
75.0	75.25	75.5	2.0	2.15	2.3	0.473					2.9	3.10	3.3	0.673
90.0	90.30	90.6	2.2	2.35	2.5	0.622					3.5	3.75	4.0	0.977
110.0	110.35	110.7	2.7	2.90	3.1	0.936					4.2	4.50	4.8	1.434
125.0	125.40	125.8	3.1	3.33	3.6	1.223					4.8	5.10	5.4	1.847
140.0	140.45	140.9	3.4	3.66	3.9	1.508					5.4	5.75	6.1	2.331
160.0	160.50	161.0	3.9	4.21	4.5	1.979					6.2	6.60	7.0	3.057
180.0	180.55	181.1	4.4	4.75	5.1	2.514					6.9	7.30	7.7	3.806
200.0	200.60	201.2	4.9	5.25	5.6	3.085					7.7	8.15	8.6	4.721
225.0	225.70	226.4	5.5	5.90	6.3	3.905					8.6	9.10	9.6	5.932
250.0	250.75	251.5	6.1	6.56	7.0	4.820					9.6	10.15	10.7	7.350
280.0	280.85	281.7	6.9	7.38	7.9	6.070					10.7	11.30	11.9	9.167
315.0	315.95	316.9	7.7	8.15	8.6	7.550	9.7	10.25	10.8	9.430	12.1	12.80	13.5	11.678
355.0	356.10	357.2	8.7	9.20	9.7	9.605	10.9	11.50	12.1	11.927	13.6	14.35	15.1	14.760
400.0	401.20	402.4	9.8	10.35	10.9	12.175	12.3	13.00	13.7	15.188	15.3	16.15	17.0	18.716
450.0	451.35	452.7	11.0	11.60	12.2	15.352	13.8	14.55	15.3	19.128	17.2	18.15	19.1	23.664
500.0	501.50	503.0	12.3	13.00	13.7	19.113	15.3	16.15	17.0	23.591	19.1	20.15	21.2	29.191
560.0	561.70	563.4	13.7	14.45	15.2	23.800	17.2	18.15	19.1	29.691	21.4	22.55	23.7	36.591
630.0	631.90	633.8	15.4	16.25	17.1	30.109	19.3	20.35	21.4	37.455	24.1	25.40	26.7	46.364
710.0	713.20	716.4	17.4	18.35	19.3	38.374	21.8	22.95	24.1	47.676	27.2	28.65	30.1	59.026
800.0	803.60	807.2	19.6	20.65	21.7	48.660	24.5	25.80	27.1	60.395	30.6	32.20	33.8	74.757
900.0	904.05	908.1	22.0	23.15	24.3	61.375	27.6	29.05	30.5	76.501	34.4	36.35	38.3	94.927
1000.0	1004.50	1009.0	24.5	25.80	27.1	75.995	30.6	32.05	33.5	93.802	38.2	40.20	42.2	116.668





## Wall Thickness and Mass Metre

PE63 (5MPa) SABS 533 PE80 (6.3MPa) ISO 4427 PE100 (8MPa) ISO 4427 Standard Dimension Ratio			PN 5 PN 6.3 PN 8 SDR 21				PN 6.3 PN 8 PN 10 SDR 17				PN 8 PN 10 PN 12.5 SDR 13.6			
OD			WALL THICKNESS			MASS	WALL THICKNESS			MASS	WALL THICKNESS			MASS
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX	
mm	Flo-Tek	mm	mm	Flo-Tek	mm	kg/m	mm	Flo-Tek	mm	kg/m	mm	Flo-Tek	mm	kg/m
16.0	16.15	16.3												
20.0	20.15	20.3												
25.0	25.15	25.3									2.0	2.15	2.3	0.149
32.0	32.15	32.3					2.0	2.15	2.3	0.194	2.4	2.60	2.8	0.231
40.0	40.20	40.4	2.0	2.15	2.3	0.246	2.4	2.60	2.8	0.294	3.0	3.25	3.5	0.361
50.0	50.20	50.4	2.4	2.60	2.8	0.372	3.0	3.20	3.4	0.453	3.7	3.95	4.2	0.550
63.0	63.20	63.4	3.0	3.20	3.4	0.578	3.8	4.05	4.3	0.721	4.7	5.00	5.3	0.876
75.0	75.25	75.5	3.6	3.85	4.1	0.827	4.5	4.80	5.1	1.018	5.6	5.95	6.3	1.241
90.0	90.30	90.6	4.3	4.60	4.9	1.186	5.4	5.75	6.1	1.463	6.7	7.10	7.5	1.778
110.0	110.35	110.7	5.3	5.65	6.0	1.780	6.6	7.00	7.4	2.177	8.1	8.60	9.1	2.634
125.0	125.40	125.8	6.0	6.35	6.7	2.275	7.4	7.85	8.3	2.711	9.2	9.75	10.3	3.394
140.0	140.45	140.9	6.7	7.10	7.5	2.849	8.3	8.80	9.3	3.487	10.3	10.90	11.5	4.250
160.0	160.50	161.0	7.7	8.15	8.6	3.737	9.5	10.05	10.6	4.551	11.8	12.45	13.1	5.547
180.0	180.55	181.1	8.6	9.10	9.6	4.696	10.7	11.30	11.9	5.756	13.3	14.05	14.8	7.041
200.0	200.60	201.2	9.6	10.15	10.7	5.818	11.9	12.55	13.2	7.103	14.7	15.50	16.3	8.635
225.0	225.70	226.4	10.8	11.40	12.0	7.353	13.4	14.15	14.9	9.009	16.6	17.50	18.4	10.966
250.0	250.75	251.5	11.9	12.55	13.2	8.997	14.8	15.60	16.4	11.040	18.4	19.40	20.4	13.508
280.0	280.85	281.7	13.4	14.15	14.9	11.358	16.6	17.50	18.4	13.870	20.6	21.70	22.8	16.925
315.0	315.95	316.9	15.0	15.80	16.6	14.273	18.7	19.70	20.7	17.565	23.2	24.45	25.7	21.450
355.0	356.10	357.2	16.9	17.80	18.7	18.123	21.1	22.25	23.4	22.356	26.1	27.50	28.9	27.197
400.0	401.20	402.4	19.1	20.15	21.2	23.109	23.7	24.95	26.2	28.253	29.4	30.95	32.5	34.488
450.0	451.35	452.7	21.5	22.65	23.8	29.224	26.7	28.10	29.5	35.795	33.1	34.85	36.6	43.685
500.0	501.50	503.0	23.9	25.15	26.4	36.056	29.7	31.25	32.8	44.228	36.8	38.70	40.6	53.904
560.0	561.70	563.4	26.7	28.10	29.5	45.127	33.2	34.95	36.7	55.407	41.2	43.35	45.5	67.628
630.0	631.90	633.8	30.0	31.55	33.1	57.006	37.4	39.35	41.3	70.175	46.3	48.70	51.1	85.479
710.0	713.20	716.4	33.9	35.65	37.4	72.697	42.1	44.30	46.5	89.183	52.2	54.90	57.6	108.771
800.0	803.60	807.2	38.1	40.10	42.1	92.144	47.4	49.85	52.3	113.086	58.8	61.80	64.8	137.972
900.0	904.05	908.1	42.9	45.10	47.3	116.590	53.3	56.05	58.8	143.050	66.2	69.60	73.0	174.793
1000.0	1004.50	1009.0	47.7	50.15	52.6	144.043	59.3	62.35	65.4	176.796	72.5	76.20	79.9	212.892





## Wall Thickness and Mass Metre

PE63 (5MPa) SABS 533			PN 10				PN 12.5			
PE80 (6.3MPa) ISO 4427			PN 12.5				PN 16			
PE100 (8MPa) ISO 4427			PN 16				PN 20			
Standard Dimension Ratio			SDR 11				SDR 9			
OD			WALL THICKNESS			MASS	WALL THICKNESS			MASS
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX	
mm	FLO-TEK	mm	mm	FLO-TEK	mm	kg/m	mm	FLO-TEK	mm	kg/m
16.0	16.15	16.3					2.0	2.15	2.3	0.091
20.0	20.15	20.3	2.0	2.15	2.3	0.116	2.3	2.50	2.7	0.133
25.0	25.15	25.3	2.3	2.50	2.7	0.170	3.0	3.20	3.4	0.211
32.0	32.15	32.3	3.0	3.20	3.4	0.279	3.6	3.85	4.1	0.328
40.0	40.20	40.4	3.7	3.95	4.2	0.431	4.5	4.80	5.1	0.511
50.0	50.20	50.4	4.6	4.90	5.2	0.668	5.6	5.95	6.3	0.792
63.0	63.20	63.4	5.8	6.15	6.5	1.056	7.1	7.55	8.0	1.265
75.0	75.25	75.5	6.8	7.20	7.6	1.475	8.4	8.90	9.4	1.777
90.0	90.30	90.6	8.2	8.70	9.2	2.137	10.1	10.70	11.3	2.563
110.0	110.35	110.7	10.0	10.55	11.1	3.169	12.3	13.00	13.7	3.809
125.0	125.40	125.8	11.4	12.05	12.7	4.111	14.0	14.80	15.6	4.926
140.0	140.45	140.9	12.7	13.40	14.1	5.124	15.7	16.55	17.4	6.171
160.0	160.50	161.0	14.6	15.40	16.2	6.725	17.9	18.85	19.8	8.036
180.0	180.55	181.1	16.4	17.30	18.2	8.500	20.1	21.20	22.3	10.167
200.0	200.60	201.2	18.2	19.20	20.2	10.482	22.4	23.60	24.8	12.572
225.0	225.70	226.4	20.5	21.60	22.7	13.268	25.2	26.55	27.9	15.913
250.0	250.75	251.5	22.7	23.90	25.1	16.317	27.9	29.35	30.8	19.557
280.0	280.85	281.7	25.4	26.75	28.1	20.457	31.3	32.95	34.6	24.584
315.0	315.95	316.9	28.6	30.10	31.6	25.895	35.2	37.05	38.9	31.099
355.0	356.10	357.2	32.2	33.90	35.6	32.873	39.7	41.75	43.8	39.499
400.0	401.20	402.4	36.3	38.20	40.1	41.734	44.7	47.00	49.3	50.103
450.0	451.35	452.7	40.9	43.00	45.1	52.846	50.3	52.90	55.5	63.437
500.0	501.50	503.0	45.4	47.75	50.1	65.209	55.8	58.65	61.5	78.170
560.0	561.70	563.4	50.8	53.40	56.0	81.691	62.5	65.70	68.9	98.076
630.0	631.90	633.8	57.2	60.15	63.1	103.504	70.3	73.90	77.5	124.106
710.0	713.20	716.4	64.5	67.80	71.1	131.696	79.3	83.35	87.4	158.000
800.0	803.60	807.2	72.6	76.30	80.0	167.014	89.3	93.85	98.4	200.472
900.0	904.05	908.1	81.7	85.85	90.0	211.405				
1000.0	1004.50	1009.0	90.2	94.80	99.4	259.550				

## Wall Thickness and Mass Metre

PE63 (5MPa) SABS 533			PN 16				PN 20			
PE80 (6.3MPa) ISO 4427			PN 20				PN 25			
PE100 (8MPa) ISO 4427			PN 25				PN 34			
Standard Dimension Ratio			SDR 7.4				SDR 6			
OD			WALL THICKNESS			MASS	WALL THICKNESS			MASS
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX	
mm	FLO TEK	mm	mm	FLO TEK	mm	kg/m	mm	FLO TEK	mm	kg/m
16.0	16.15	16.3	2.3	2.50	2.7	0.103	3.0	3.20	3.4	0.125
20.0	20.15	20.3	3.0	3.20	3.4	0.163	3.4	3.65	3.9	0.181
25.0	25.15	25.3	3.5	3.75	4.0	0.242	4.2	4.40	4.6	0.275
32.0	32.15	32.3	4.4	4.70	5.0	0.388	5.4	5.75	6.1	0.457
40.0	40.20	40.4	5.5	5.85	6.2	0.605	6.7	7.10	7.5	0.707
50.0	50.20	50.4	6.9	7.30	7.7	0.943	8.3	8.80	9.3	1.096
63.0	63.20	63.4	8.6	9.10	9.6	1.482	10.5	11.10	11.7	1.741
75.0	75.25	75.5	10.3	10.90	11.5	2.111	12.5	13.20	13.9	2.465
90.0	90.30	90.6	12.3	13.00	13.7	3.024	15.0	15.85	16.7	3.551
110.0	110.35	110.7	15.1	15.95	16.8	4.532	18.3	19.30	20.3	5.289
125.0	125.40	125.8	17.1	18.05	19.0	5.832	20.8	21.90	23.0	6.822
140.0	140.45	140.9	19.2	20.25	21.3	7.326	23.3	24.55	25.8	8.563
160.0	160.50	161.0	21.9	23.05	24.2	9.535	26.6	28.00	29.4	11.166
180.0	180.55	181.1	24.6	25.90	27.2	12.055	29.9	31.45	33.0	14.113
200.0	200.60	201.2	27.4	28.85	30.3	14.913	33.2	34.95	36.7	17.424
225.0	225.70	226.4	30.8	32.40	34.0	18.849	37.4	39.35	41.3	22.069
250.0	250.75	251.5	34.2	36.00	37.8	23.268	41.5	43.65	45.8	27.207
280.0	280.85	281.7	38.3	40.30	42.3	29.176	46.5	48.90	51.3	34.136
315.0	315.95	316.9	43.1	45.35	47.6	36.933	52.3	55.00	57.7	43.195
355.0	356.10	357.2	48.5	51.00	53.5	46.830	59.0	62.00	65.0	54.878
400.0	401.20	402.4	54.7	57.50	60.3	59.479				
450.0	451.35	452.7	61.5	64.65	67.8	75.242				
500.0	501.50	503.0								
560.0	561.70	563.4								
630.0	631.90	633.8								
710.0	713.20	716.4								
800.0	803.60	807.2								
900.0	904.05	908.1								
1000.0	1004.50	1009.0								



## Ensuring the success of your projects with quality fittings

Wise Elastics is your one-stop shop for all of your butt-weld, compression, electro-fusion and socket-weld fittings. Our wide range of PE100 fittings come in sizes ranging from 16mm to 1000mm and are all designed to meet the highest international quality standards.

Whether you're looking for a single fitting or need to stock up on fittings for a large project, Wise Elastics has you covered.



Permanent jointing



Non-Permanent (detachable) jointing

## Moulded Fittings Range

### 1. Compression Fittings

- Coupling
- 90 Degree Elbow
- 90 Degree Elbow (Male/ Female)
- Tees (Reducing / Female/ Male)
- End plugs
- Flanged Adaptor
- Reducing Coupling
- Male / Female Adaptor

### 2. PE100 Electrofusion Fittings

- Couplers

### 3. Clamp Saddles

- Reinforced Saddle
- Unreinforced Saddle
- \*All Other Saddles Available On Request

### 4. Electrofusion Reducers

### 5. PP Flanges

### 6. Transition Fittings

### 7. Electrofusion Tees

### 8. Electrofusion Elbows

### 9. Electrofusion Branch Saddles

### 10. Electrofusion Tapping Saddles





## Fabricated Fittings Range

Discover a wide range of HDPE fittings from Laterals, Tees, Seamless Bends, Segmented Bends to Stubs, our fittings cater to diverse applications, providing reliable solutions for various projects.

### Product Range

#### 1. Compression Fittings

- 90 Degree Elbow Long Spigot
- Tee Long Spigot
- End Cap Long Spigot
- Reducing Tee Long Spigot
- Reducer Long Spigot
- Stub Long Spigot
- Cross Long Spigot
- Reducing Cross Long Spigot

#### 2. PE100 Fabricated Butt Weld Fittings

- PE100 Fabricated Stubs
- Segmented Bends
- Seamless Bend
- Fabricated Tees
- Fabricated Lateral



## Fabricated Fittings Range

We supply flanges ranging from 20mm up to 2000mm. The flanges are mild steel, hot-dipped galvanised and conforms to SANS 1123. All other flanges are available on request.

### Product Range

- 1000/3
- Table D
- 1600/3
- ASA150



## Valves

We offer a wide range of valves available in Steel and Thermo-Plastics.

- Flanged Resilient Seated Gate Valve – SABS 664
- Socketed Resilient Seated Gate Valve – SABS 664
- Plain End Resilient Seated Gate Valve
- Manufactured Flanged Resilient Seated Gate Valve – PN16
- Flanged Wedge Gate Valve – PN16 – SABS 664
- Resilient Seated Gate Valve – Rising Spindle – SABS 665
- Wedge Gate Valve Industrial Pattern -Non Rising Spindle – PN 10
- Wedge Gate Valve Industrial Pattern – Rising Spindle – PN 10
- Shouldered Butterfly Valve – Rubber Lined Disc
- Shouldered Non Return Valve
- Shouldered Coupling
- Diaphragm Valve
- Butterfly Valve Wafer Nickel Plated Disc -PN16 Pinned
- Butterfly Valves Wafer Type 316SS Disc-PN16 Pinned
- Gearbox for Butterfly Valve Wafer type
- Butterfly Valve Wafer Type, 304 Stainless Steel Disc Pinned
- Butterfly Valve Wafer Type, 316SS disc, Pinless – PN25
- EPNS Butterfly Valves Wafer 316 Stainless Steel Body & Disc (Spline Shaft) PTFE Liner-PN16
- Double Eccentric Flanged Butterfly Valves
- Slurry Wafer Butterfly Valves



## Welding Machines



**FHD450 with Crane**



**Band Saw**



**FHD800-1000-1200**



**FHS110-75 Socket Fusion Machine**



**Electrofusion Machine**

### Product Range

- Band Saw
- FHD450 with Crane
- FHD800-1000-1200
- FHG315 & FHG630
- FHS110-75 Socket Fusion Machine
- Electrofusion Machine



## Cartridges



Polyprop adaptors



Aluminium Adaptors

## Filters



Clamps



Coupling



Mini Traps

## PVC Valves & Fittings





## Valves & Fittings (continued)



## Brass and Stainless Steel Valves and Fittings





## Why Choose Wise Elastics?

### **Unparalleled Quality:**

Our HDPE products are known for their unmatched quality, durability, and performance.

### **Extensive Product Range:**

With various pipe diameters and pressure classes, along with a wide range of fittings, we have solutions for all applications.

### **Professional Installation:**

Benefit from our skilled technicians' expertise, ensuring precise on-site fitting for optimal functionality.

### **Customer Satisfaction:**

Your satisfaction is our priority, and we go the extra mile to ensure a smooth and successful experience with our products and services.

### **Trusted Partner:**

Wise Elastics is your trusted redistribution partner, providing reliable and efficient HDPE solutions.



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