



***KHENTSA***  
**STEEL**

**Lance Tube**



**Oxygen Lance Tubing**  
**Wire Packed Oxygen Lance Tubing**

**Flared Connector Lance Tubing**  
**Flared End Lance Tubing**

**Plain Ended Lance Tubing**

## **THERMAL LANCING TUBE & OXYGEN LANCING TUBE**

Khentsa Steel is a 100% Black Owned manufacturer of Thermal Lancing Tube and Oxygen Lancing Tube that is supplied into a wide range of industries.

These lancing tubes are utilised in the continuous production processes for copper, demolitions, ferroalloys, platinum, scrap-cutting and steel making. The products are used for cutting and predominantly utilised during the tapping process in foundries and smelting plants. These lance tubes are used to open holes in blast furnaces, induction furnaces and oxygen furnaces.

### **PRODUCED LOCALLY**

Our lances are produced using quality A-grade SAE1008 material from our local producer mills, which makes them proudly South African products.

Our production processes have been refined and aligned to ensure that our customers receive a product of the highest quality and standards.

### **LANCE TYPES**

Khentsa Steel manufactures three types of Oxygen Lancing Tubes and Thermal Lancing Tubes namely, Open Ended Lance Tubes, Flared Lance Tubes and Wire-Packed Lancing Tubes in a range of lengths and diameters. Our Flared Lances have a unique non-slip build-in connector addressing the stop-start effect during production, therefore improving efficiency in the continuous casting processes in smelter and foundry environments. All lances are processed and adapted to customer specifications and requirements.

### **KHENTSA STEEL ALSO SUPPLIES LANCING EQUIPMENT AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO:**

- Ball Valves
- Braided Hoses
- Fire Resistant PPE
- Flash Back Arrestors
- Lance Holders
- Oxygen regulators

### PROCESSED TO SANS 62-1 WELDED PIPE

- Finish - direct off mill
- Tubes rolled from Commercial Quality
- Size range: 13.5mm - 26.9mm (nominal pipe sizes)
- Plain ended on the one side, with a flared connector on the one end
- Wire-packed products are also offered

Use	Mining industry
Material	SAE 1008
Sizes available	13.5 x 1.6 - 2.0mm, 15.8 x 1.6 - 2.0mm, 17 x 1.6 - 2.0mm, 21.3 x 1.6-2.5mm, 26.9 x 1.6-2.5mm
Special features	Cut to size, supply 2-9m lengths
Other information	SANS 657-1

### NOMINAL BORE - CLASS MEDIUM

Nominal Bore mm	Outside Dia mm	Wall Thickness mm	Internal Dia mm	Mass kg/m approx
6	10.3	1.73	6.84	0.36
		2.41	5.48	0.46
8	13.7	2.24	9.22	0.63
		3.02	7.66	0.80
10	17.1	2.31	12.48	0.85
		3.20	10.70	1.10
15	21.3	2.77	15.76	1.27
		3.73	13.84	1.62
		4.78	11.74	1.94
		7.47	6.36	2.56
20	26.7	2.87	20.96	1.68
		3.91	18.88	2.19
		5.56	15.58	2.89
		7.82	11.06	3.64

### MAXIMUM WORKING PRESSURE RATING (STATIC)

Nominal Size mm	Maximum working pressure rating bar		
	Pipes with screw-threaded ends	Pipes with plain ends	
		Medium class and heavy class pipes	Medium class pipes
8, 10, 15, 20, 25, 32, 40	40	70	80
50, 65, 80	20	60	70
100, 120, 150	20	50	60



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