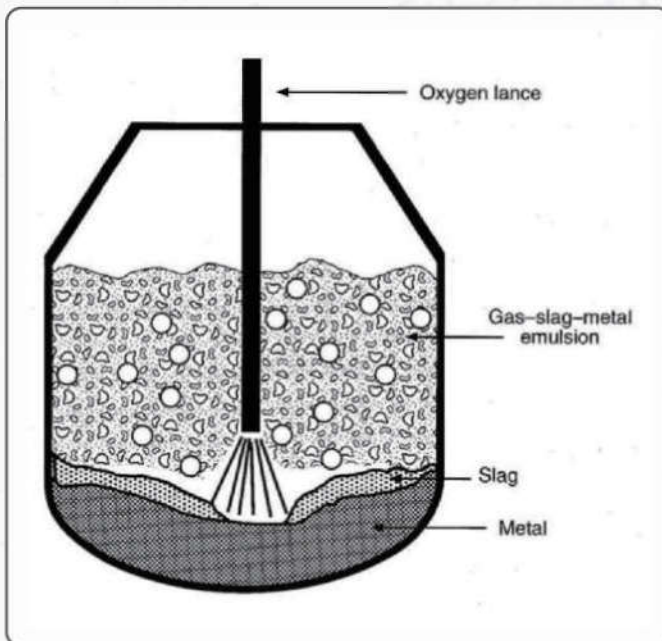# · Oxygen Lance Pipe

Oxygen lance pipe is mainly used for oxygen injection into electric arc furnace. During the steelmaking process, a desired carbon content is attained by injecting oxygen into the molten metals. This process is used in blast furnaces, basic oxygen furnaces. Induction and electric furnaces lance pipes are used for opening furnace tap holes, cleaning ladle well blocks, unclogging tundish nozzles, cutting ferrous materials, etc. In short, oxygen lance pipes also could be used for powder injection, tap hole cleaning and opening nozzles in ladles, tundishes.

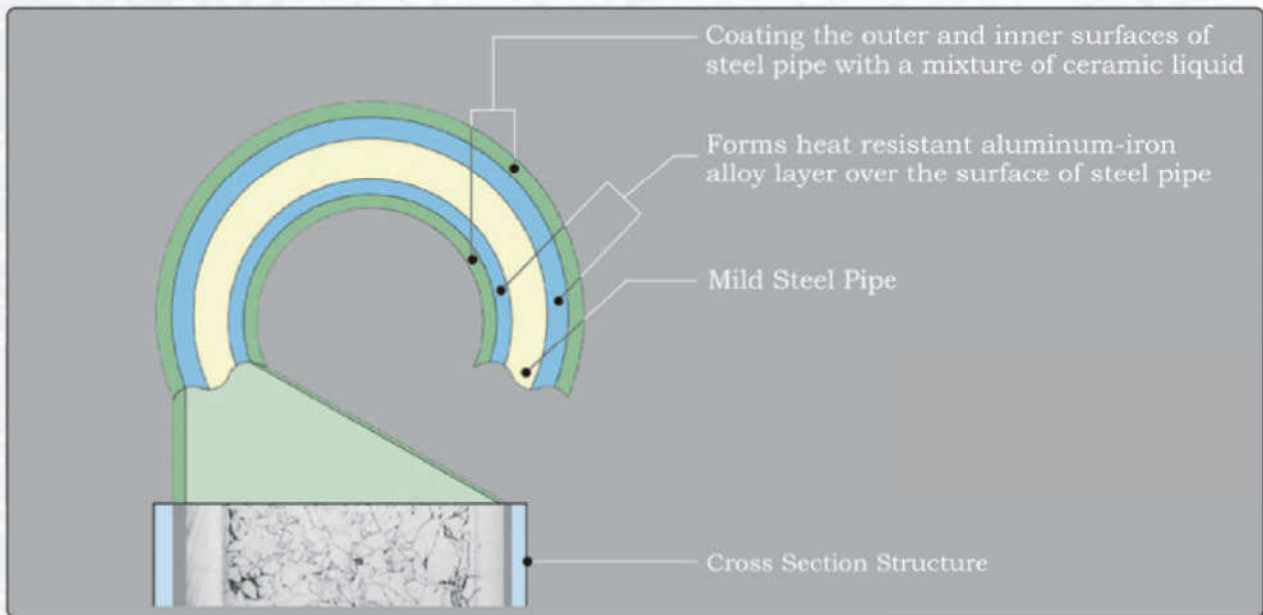**Material:** welded steel (Q195-Q235)
Specification: Customized

· Calorized&Ceramic Coated Lance Pipe

Calorized/ ceramic coated or both calorized and ceramic coated lance pipes greatly extend the service life, improve the efficiency and cost effective eventually.

Coating the outer and inner surfaces of steel pipe with a mixture of ceramic liquid

Forms heat resistant aluminum-iron alloy layer over the surface of steel pipe

Mild Steel Pipe

Cross Section Structure

Features:

1. Anti-corrosion, anti-sulphurization, anti-oxidation
2. High thermal resistance
3. Longer service life, steel consumption reduced
4. Oxygen/ powder injection efficiency improved
5. Labor intensity reduced (time to replace the pipes reduced)
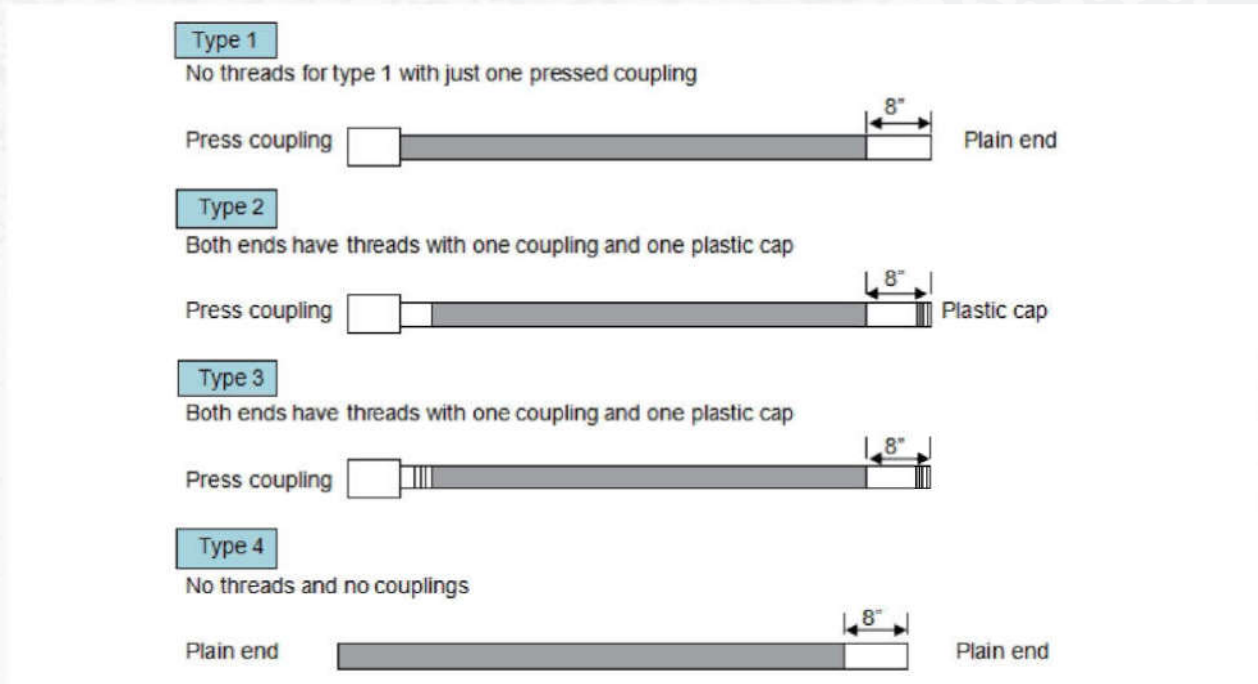6. Graphite electrode consumption reduced
7. Melting time reduced

Material:

welded steel pipe(carbon steel or seamless steel for your choice)
Heat resistance: 1650-1850 ℃

Connection methods:

Type 1

No threads for type 1 with just one pressed coupling

Press coupling | 8" | Plain end

Type 2

Both ends have threads with one coupling and one plastic cap

Press coupling | 8" | Plastic cap

Type 3

Both ends have threads with one coupling and one plastic cap

Press coupling | 8"

Type 4

No threads and no couplings

Plain end | 8" | Plain end

Notes:

The connection is not limited to the above four types, your requirement is our standard.

Supply range:

1.Diameter: From 3/8" to1-1/2" for your choice
2.Length: From 2.5 meters to 5.5 meters (customized)
3.Coating: 6.5mm-7.4mm ;7.5-9.5mm (customized)