



# LOTHERME



## LoTherme GS - 355

### A Gas-shielded wire for High Tensile Steel welding

#### Characteristics :

LoTherme GS-355 is a gas shielded flux cored wire designed for welding of high tensile strength steel, quenched & tempered steels, surfacing & repair of low alloy steel, case hardened steel, etc. The weld deposit contains very low diffusible hydrogen and good resistant to cracks & fissures. The wire produces an easy to remove thin frible slag and results smooth & uniform radiographic quality bead.

#### Applications:

LoTherme GS-355 designed for single and multi-pass welding of high tensile steels: HY-80, Sumiten-610, B/C grades of SA-543, steels conforming to SA-612 grade, A/B/C grades of SA-738, etc. The wire is also suitable for welding and surfacing of rolls, shafts, gear wheels, etc. Recommended with both CO<sub>2</sub> and Ar-CO<sub>2</sub> gas mixture.

#### Weld Metal Tensile Strength:

In as-weld condition : 785 MPa                      19%

#### Current Conditions : DC(+)

Diameter (mm)	1.2	1.6
Current Range (Amps)	160-240	180-270
Voltage (V)	26-30	26-30
Stick Out (mm)	25-35	25-35

**Standard Wire Diameter (mm):** 1.2mm and 1.6mm

#### Packing:

Supplied in layer wound 15 kgs plastic spool. Each spool is sealed in a polythene bag and then packed in a shrink-wrapped corrugated box.

**Note :** Any other type of packaging, or other than standard wire sizes, may be available on request.