



Pipes & Tubes
made with **100%**
Hot Rolled Coil

Comparison Between HR Strip & Patra

TOPIC	PATRA	HR Coil
Manufacturing process	Patra rolled by ORDINARY mill.	HR Strip Rolled by Tandem Mill 'HSM'. In HSM there are additional facilities available for improving Quality of HR strip, microstructure etc.
Raw Material 'Quality'	Manufacturing from Ingot or Commercial Grade MATERIALS.	Manufacturing from Slabs, Blooms & Billets which are manufactured by Iron Ore.
Chemical Composition	There is no control on the chemical composition due to mixing of variety of low grade materials.	Homogeneous Chemical Composition.
Surface Finish	Rough Surface which lowers the finished product quality.	Enhanced surface finish ensuring high quality.
Thickness Consistency & width variation	Lot of variation due to manual setting.	No variation due to HAGC system, and better HSM Technology.
Length	No provision for coiling of strip & therefore Patra is rolled with length of approximate 30 meter	Due to superior technology of HSM, Maximum length can be derived.
Physical Properties	Physical Properties are not matched with the applications, because of non-homogenous nature of chemical compositions & poor manufacturing process.	Because of high technological steel making route, complete range of applications are covered.

Behind the scenes - Our Competent team

- Backed by seasoned experts in the field of Production, Research, Quality and Marketing, Jyoti HRC 100 is constantly infused with new quotient of performance.
- Serving the customer for the best outcome and cementing relationships form the foundation of our Team.

Delivering expectation since 2001 and still towering higher

Madhav KRG Group began it's journey in 2001 and since then we have not looked back. Working in harmony and tandem for widening the scope of our progress, our brand JYOTI has grown in a multi dimensional manner. With each passing year, we learned more and fulfilled more dreams. Today we are still at a junction where the cross roads lead to better ways of garnering knowledge and performance. The future is amongst us and we just have to realise the same.

Process Flow Chart For Tubes & Pipes



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AN ISO 9001, OHSAS 18001, 14001 COMPANY
 IS 1239(P1): 2004
 IS 1181: 2014
 IS 4523: 2017
 IS 3681: 2006



Manufacturing Quality,
Fulfilling Dreams,
Nurturing Accomplishments



JYOTI
Ek Kadam Aage
HRC-100
PIPES & TUBES

