

Product Type	Grade of Product	Sub Grade
NON METALLURGICAL (HOLLOW) ROLLS	CCI	
	SG Iron	

SG NON-METALLURGICAL ROLLS:

In general the non metallurgical rolls are used in the clear chilled grade owing to the hardness and the chill depth required for relieving of the thermal stresses. However, JEMCO has developed a new product for the cracker mills, Ink Manufacturing, Resin Rolling etc, in the form of SG Grade Hollow rolls.

This was an inhouse innovation as a result of customer feedback where the toughness parameters required were more important than the required hardness parameters.

Indicative Chemical Compositions:

Element	C	Mn	Si	P	S	Ni	Cr
SG GRADE HOLLOW	3.4	0.6	1.6	0.04	0.02	1.8	0.35