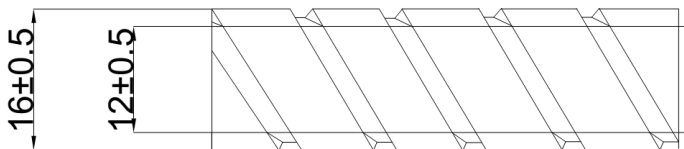




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1.0	Item	GI FLEXIBLE METALLIC CONDUIT				
2.0	Material Code(s)					
3.0	Application	Used between local control junction box and panel type hopper heater. It is used to protect cables of panel type hopper heaters.				
4.0	Dimensions	ID: 12mm±0.5, OD: 16mm±0.5				
5.0	Applicable standards	IS 3480				
6.0	Surroundings	Highly polluted abrasive, Dusty atmosphere				
7.0	Location	Out door. Touching ESP hopper walls at 150°C				
8.0	Ambient Temperature	50 Deg C.				
9.0	Material	Strip steel, bright, cold rolled and annealed and equivalent to IS 513 'O' grade. Sheet steel thickness shall be minimum 0.25mm				
10.0	General: a. Conduit shall be SPIRAL, SELF LOCKING (SQUARE LOCK) and FLEXIBLE type. b. Conduit shall be marked with following as per IS 3480 a. Name/trade mark of manufacturer b. Size of conduit c. Length of the conduit d. ISI certification mark					
11.0	Packing: The conduits shall be packed in 50mtr coils and the coils shall be wrapped using gunny bag materials					
12.0	Testing: Following tests shall be carried out on each lot as per IS 3480 a. Dimension test b. Linear breaking test c. Flexibility test d. Bend fracture test & e. Crushing test					
13.0	Inspection: a. By BHEL inspector at vendor works b. Inspection shall include dimensional check, witnessing lot wise testing as per clause 12.0 and marking as per clause 10.0(b)					
14.0	Drawing					
						
00	15.09.15	(Sd) PST	(Sd) GMK	(Sd) MJM	FRESH ISSUE	
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.	