

CLAUSE	REMARKS
2.3. Jacket: The jacket material shall be sufficiently sized to allow for desired insulation thickness for optimum performance of system. All metal jacket shall have an internal spiral lock seam. Jacket shall be of the following materials. (a) External spiral lock seamed galvanized steel with following thickness. Jacket size up to 304mm : 0.5 mm (26 gauge) 318mm and larger : 0.6 mm (24 gauge) (b) External spiral lock seamed alminum : 0.8 mm (22 gauge) (c) External spiral lock seamed stainless steel : 0.5 mm (26 gauge) (d) Polyvinyle chloride (PVC) com-forming to ASTM D1784 Type 1 Class 1 or JIS K6741 : Min. 3 mm (e) High density extruded polyethylene conforming to ASTM D1248 Type 4 Class 3 or JIS K6761 or BS 3284/1967 TYPE 50 : Min. 3 mm	Specify kind of jacket. Specify if particular finish is required. i.e colour jacket or plastic jacket.
2.4. Fire Rating of Preinsulated Pipe Unit: The preinsulated HI-GARD system shall be of a product which has conducted 2 hour fire test with a temperature in excess of 1,000°C. The product offered must be in compliance with the Local Bomba requirement for 2 hours and BS 476 Part : Part 20 : 1987.	
3. INSTALLATION (a) The site installation shall be performed in strictly accordance with manufacturer's instructions and recommendations. The straight joints, valves and fittings (in case of not-preinsulated fittings), flanges, expansion joints etc. shall be site insulated and jacketed unless otherwise specified. (b) A manufacturer's field service instructor is to be present during critical periods of installation. He should be factory trained and technically qualified to determine whether or not the installation is being made in accordance with the manufacturer's recommendation.	Where pipe expansion and/or contraction provision is very critical, refer to manufacturer's recommendations and engineering instruction.