

HG

CHEMICAL INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HG/T 3731-2023

Replacing HG/T 3731-2004

**Non-metallic chemical equipment - Glass fiber reinforced
polyvinyl chloride composite pipes and fittings**

非金属化工设备 玻璃纤 维增强聚氯乙烯复合管 和管件

(English Translation)

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This standard specifies the raw materials, design, manufacturing, requirements, test methods, inspection rules, marking, packaging, transportation, storage and accompanying documents of glass fiber reinforced polyvinyl chloride composite pipes and fittings. This standard applies to rigid polyvinyl chloride (PVC-U) or chlorinated polyvinyl chloride (PVC-C) thermoplastic as the lining, unsaturated polyester resin, epoxy vinyl ester resin as the matrix, and glass fiber Yarn or its fabric is a reinforcing material, with a nominal diameter greater than or equal to 20mm to 1200mm. Working temperature: -5??~70?? when lined with PVC-U, -5?? when lined with PVC-C ~95??; glass fiber reinforced polyvinyl chloride composite pipes and fittings with design pressure less than or equal to 1.6MPa.