

**IS 444 : 2017 Rubber hoses, textile - Reinforced, for general - Purpose water applications  
- Specification (*Fifth Revision*)**

IS 444 : 2017 is an Indian Standard developed by the Bureau of Indian Standards (BIS) for rubber hoses that are reinforced with textiles and used in general-purpose water applications. This standard specifies the requirements for the construction, performance, and testing of rubber hoses reinforced with woven or braided textile materials, ensuring durability, flexibility, and suitability for water transport under various conditions.

IS 444 : 2017 covers hoses with different working pressures and specifies parameters such as tensile strength, resistance to weathering, and performance under fluctuating pressures, aiming to enhance their reliability and safety in diverse applications, from household and garden use to industrial environments.

By defining stringent quality and performance criteria, IS 444 : 2017 supports manufacturers in producing robust, long-lasting hoses and helps users identify products that meet consistent safety and quality standards. Compliance with this standard ensures hoses are suitable for safe and efficient water handling in different general-purpose applications across India.