INTIME FIRE APPLIANCES PVT. LTD.
safe with intime
AN ISO 9001:2015 Certified Company

Document No.: INTM-2025-FHR
Date Last Updated: 30/05/2025

TECHNICAL DATA SHEET

Product Name	**THERMOPLASTIC FIRE HOSE**
Model Number	**FHR**
Image	
Short Description	A thermoplastic fire hose reel designed for fire fighting applications, compliant with IS:12585:1988 standards.
Description	The Fire Hose Reel is made from a thermoplastic hybrid compound reinforced with high-quality nylon braided yarn for durability. It meets Type-2 specifications under IS:12585:1988, providing reliable water delivery under high pressure. The hose is resistant to kinking, abrasion, and high temperatures.
Standard Compliance	IS:12585:1988 Type-2
Material	Thermoplastic Hybrid Compound
Internal Diameter (ID)	20 mm / 25 mm (as required)
Working Pressure	10.2 kgf/cm²
Burst Pressure	32.5 kgf/cm²
Reinforcement	High-Quality Nylon Braided Yarn
Adhesion (Lining & Cover)	≥1.4 kN/m (as per IS:3400 (Part-24):2001 / ISO 8033:1991)
Bend Radius	Operates at a radius of 5 times the nominal bore size (as per IS:12656:1989)
Workability	Can operate at certified pressure as lab tested on calibrated machines.
Temperature Range	Up to 65°C without kinking, melting, or collapse
Melting Point	Approx. 182°C (Polyvinyl Chloride material)
Fire Retardant Properties	Self-extinguishing with an ignition temperature of 455°C; low heat release during burning
Fluted Finish (Optional)	Enhances abrasion and kink resistance; provides a stronger grip, even when wet

DISCLAIMER: The information in this data sheet is for reference only, subject to change without notice, and Intime Fire Appliances Pvt. Ltd. is not liable for its use or accuracy, unless stated. All trademarks, service marks, and logos referenced in this document are the property of their respective owners. Unauthorized use is strictly prohibited.
© 1998–2025 INTIME FIRE APPLIANCES PVT. LTD. ALL RIGHTS RESERVED.

21 A, Ghanshyam Industrial Estate, Off Veera Desai Road, Andheri West, Mumbai, Maharashtra, INDIA - 400 053
D/24/6, TTC Industrial Area, MIDC Turbhe, Navi Mumbai, Maharashtra, INDIA - 400 705
SafeWithIntime
+91 22 4601 4392 | +91 22 4016 5950 | ho@intimefire.com | www.intimefire.com