



THERMOPLASTIC YARN REINFORCED FIRE HOSE

IS : 12585/1988
CM/L: 8700001313



Product: FORCE Thermoplastic Fire Hoses for Hose Reels
Conforming to IS: 12585/1988, **ISI Marked.**

Size: 20mm (3/4") Inner Diameter

Types: Type 1 (Working Pressure : 6.20 Kg/cm²)
Type 2 (Working Pressure : 10.0 Kg/cm²)

Material: Thermoplastic Hybrid Compound

Reinforcement: High Quality Synthetic Braided yarn.

Adhesion between Lining & Covers: At least 1.4 kN/m, in accordance with IS:3400
(Part-24):2001/ISO8033:1991

Radius: Can work at a radius of 5 times to the nominal bore size,
as specified in IS:12656:1989.

Workability: Can work at high pressures as lab tested on calibrated machines.

Working Temperature: It can work at up to 55oC atmospheric temperature without kinking,
melting or and sign of collapse

Fire retarding properties:

Our Thermoplastic Hybrid Compound has inherently superior fire retarding properties due to its Chlorine content. Its ignition temperature is as high as 455oC, and is a material with

less risk for fire incidents since it is not ignited easily. It is a self extinguishing material and does not continue to burn.

Furthermore, the heat released in its burning is considerably lower than other materials of similar use. It, therefore, contributes much less to spreading fire to nearby materials even

while burning. Hence, our Thermoplastic Hybrid Compound is very suitable for safety reasons in products close to people's daily lives.

Fluted Finish:

We provide fluted finish on our hoses for making them abrasion resistant while being dragged on the floor. This fluted finish also provides stronger grip while holding with wet hands or otherwise. It also makes it kink resistant due to long grooves on its surface, while provide twist & bend resistance. Optionally, plain finish is also available.

Application:

- Fire Fighting Hose Reel
- Fire Extinguisher Discharge Hose
- Fire Brigade Water Spray Hose

Manufacturing Unit: Flame Guard Industries
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Fire Fighting & Agricultural Hoses
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