



## HF100

## Non-Halogen, Flame Retardant Tubing



### Product Description

Grayline HF100 tubing is made from an environmentally friendly non-halogen, flame retardant, thermoplastic compound. HF100 can replace flexible PVC or conventional flame retardant polyolefin in applications that require low smoke, toxicity, and corrosivity. HF100 greatly enhances fire safety because it doesn't produce the highly toxic smoke of conventional flame retardant insulation materials. HF100 should also be considered for use in enclosed spaces in which corrosive gases resulting from combustion could damage critical electrical components.

*Standard Packaging: Reels or Cut to Customer Specifications.*

*Standard Color: Black, White, Natural*

*Custom Sizes & Colors Available Upon Request*

### Specifications

- EU Directive 2000/53/EC(ELV)
- EU Directive 2011/65/EC (RoHS2)
- EU Directive 2015/863 (RoHS3)
- FMVSS 302
- Ford WSS-M99P2222-C1 (Interior Fogging & Odor)

### Features

- Operating Temperature is  $-55^{\circ}\text{C}$  to  $105^{\circ}\text{C}$
- Low Smoke/Toxicity/Corrosivity
- Flame Retardant
- Halogen Free
- Lead Free
- Environmentally Friendly

PROPERTY	TYPICAL VALUE	TEST METHOD
Durometer Hardness, Shore D (10 Seconds)	45	ASTM D2240
Tensile Strength (psi)	2,200	ASTM D412
Elongation @ Break (%)	160	ASTM D412
Brittleness Temperature ( $^{\circ}\text{C}$ )	-56	ASTM D746
Limiting Oxygen Index (LOI)	39	ASTM D2863

*The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.*