



## GP125

## General Purpose Polyolefin



### Product Description

Grayline GP-125 is a heat shrinkable polyolefin designed for general purpose applications. It can be used for electrical or physical protection in a variety of commercial or industrial applications. Because it doesn't use flame retardant additives, it can be produced in bright bold colors. Thick walls are available for applications requiring extra protection.

*Standard Packaging: Reels or Cut to Customer Specifications*  
*Standard Color: Black, Clear*

### Specifications

- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

### Features

- 2:1 Shrink Ratio
- Operating Temperature is -55°C to 125°C
- Shrinks at 125°C
- Fluid Resistant
- 5% Approximate Longitudinal Shrinkage
- Lead and Halogen Free

Property	Typical Value	Test Method
Tensile Strength (psi)	2,400	ASTM D412
Elongation (%)	350	ASTM D412
Heat Aging (% Retained Tensile & Elongation) 168 hours at 150°C 1000 hours at 135°C	>90 >90	ASTM D412
Fluid Resistance, 24 hours at 24°C (% Retained Tensile & Elongation) IRM 903 Oil JP-8 Jet Fuel Methanol (15%)	>80 >70 >80	SAE-AMS-DTL-23053
Heat Shock, 4 hours at 225°C	Pass	SAE-AMS-DTL-23053

### Standard Sizes

NOMINAL SIZE	EXPANDED INSIDE DIAMETER (MINIMUM)	RECOVERED INSIDE DIAMETER (MAXIMUM)	Recovered Wall Thickness (Std. Wall)	Recovered Wall Thickness (Heavy Wall)
1/8	.125"	.063"	.025"	N/A"
3/16	.188"	.094"	.025"	N/A"
1/4	.250"	.125"	.025"	.040"
3/8	.375"	.188"	.025"	.040"
1/2	.500"	.250"	.030"	.050"
3/4	.750"	.375"	.035"	.050"
1	1.000"	.500"	.040"	.060"

*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.*