

Specification Sheet

Part Number: 308-31221



Heat Shrink Tubing, HIS-3-Bag, 3:1 Shrink Ratio, 1/2", 12.7/4.0 Dia, PO, Clear, 10/pkg

Article Number 308-31221

Type HIS-3-BAG 12/4 CL

Color Clear (CL)

Features & Benefits

- Thin wall, flexible 3 to 1 shrink ratio material accommodates a wide range of component shapes and diameters.
- Meets UL224 VW-1 specifications, making it ideal for high heat applications (excludes clear tubing).
- Polyolefin material provides excellent insulation and mechanical strength with good resistance to solvents, oils and fuels.
- Available in bulk reels, sticks and convenience bags (HIS-3 bags), for small to large volume applications.

Quantity Per bag

Product Description	TFN31 series heat shrink tubing features a flexible, thin wall and highly flame retardant polyolefin material with a higher operating temperature range than general-use heat shrink tubing. and offers good resistance to solvents, oils and fuels. The 3 to 1 shrink ratio accommodates a variety of component shapes and sizes. TFN31 tubing is available in bulk reels, sticks and convenience bags (HIS-3 bags), for projects of all sizes.
Short Description	Heat Shrink Tubing, HIS-3-Bag, 3:1 Shrink Ratio, 1/2", 12.7/4.0 Dia, PO, Clear, 10/pkg
Global Part Name	HIS-3-BAG 12/4 CL-PO-X-CL
Length L (Metric)	200
Variant	Thin-Wall
Nominal Diameter (Imperial)	1/2
Nominal Diameter (Metric)	12.7
Wall Thickness WT (Imperial)	.031
Wall Thickness WT (Metric)	0.80
Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X
Flammability	UL 224 VW-1 (except clear)

Halogen free	No
Operating Temperature (Metric)	-67°F to +275°F (-55°C to +135°C)
Reach Complaint(Article 33)	Yes
ROHS Complaint	Yes
Certification/Specification WEB	SAE - AMS - DTL-23053/5 Class 1 and 3 SAE - AMS - DTL-23053/5 Class 2 (clear) UL ANSI/UL 224
Use Conditions	For Indoor Use Only
Package Quantity(Imperial)	10
Package Quantity (Metric)	10
Customs Number	3926909988