

Medium and Heavy Wall Heat Shrink

S3GS Steel-plastic Transition Heat Shrink Tube

Introduction

Cross-linked polyolefin, with black anti-corrosion adhesive liner. Anti-corrosion and mechanical protection of GS steel pipeline.

Features

- Operating temperature: -55 to 105°C
- Shrink ratio: 2:1
- Minimum fully recovery temperature: 135°C
- Halogen-free, RoHS compliant
- Excellent corrosion and abrasion resistance
- Standard Color: Black

Dimension

Part No. S3GS	As supplied(mm)	After recovered (mm)		Standard length (m/pc)
	Inner diameter D (min.)	Inner diameter d (max.)	Wall thickness t (nom.)	
40	40	16	2.7	≤1.8
50	50	21	2.7	≤1.8
60	60	26	2.6	≤1.8
65	65	28	2.6	≤1.8
75	75	32	2.6	≤1.8
80	80	40	2.6	≤1.8
90	90	40	2.6	≤1.8
120	120	62	2.6	≤1.8
160	160	60	3.5	≤1.8
180	180	70	3.5	≤1.8
230	230	85	3.5	≤1.8

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥ 12 MPa
Ultimate Elongation	ASTM D2671	≥ 300%
Heat Aging (136°C/168h)	ASTM D 2671	
Tensile Strength		≥ 10 MPa
Ultimate Elongation		≥ 200%
Brittleness temperature	ASTM D 2671	≤ -65°C
Heat shock (200°C/4h)	ASTM D 2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistivity	ASTM D2671	≥ 1.0 × 10 ¹³ Ω · cm

