

CYG Authorized Distributor

## CYG-RSF DATA SHEET

**CYG-RSF PREMIUM SERIES HEAT-SHRINKABLE FIBER TUBING  
FLEXIBLE BRAIDED POLYOLEFIN and CLOTH FIBER**

CYG-RSF is flexible, braided polyolefin and cloth fiber heat-shrink tubing designed to provide outstanding mechanical abrasion protection.



www.cyg.com

**CYG 长园**

UL File No: E180908  
TS 16949:200 • ISO 9001:2008  
ISO 14001:2004 • EU RoHS REACH

**Premium Series:**  
Advanced Processing, 100% Virgin Materials, Japanese or USA Additives, Highest Agency Ratings.

**Economy Series:**  
Standard Processing. Includes Re-grind Material to % Allowed by Agency Ratings. Chinese Additives,

### Additional Tubing Products

**Heat Shrink Tubing**  
**CB-HFT Premium Series and RSFR Economy Series**  
Polyolefin Heat Shrink Tubing, 600V, 125°C, Halogen-Free, Flame Retardant,

**Cross Linked Shrink Tubing**  
**CB-1000 Premium Series and RSFR-1000 Economy Series**  
Flexible Polyolefin Shrink Tubing, 600V, 135°C, Halogen-Free, Flame Retardant.

**Double Wall, Adhesive Lined**  
**CB-DWT Premium Series and SBRS-G Economy Series**  
Adhesive Lined, Flexible Polyolefin Heat Shrink Tubing, 600V, 125°C, Flame Retard,

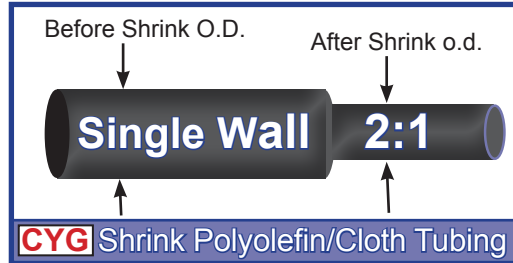
**PTFE Non-Shrink Tube**  
**CYG-TT Premium Series and CYG-ZZ Economy Series**  
PTFE, Non-Shrink Tubing, 600 Volts/Mil, 260°C Nonflammable, E-180908, UL224.

**PTFE Shrink Tube**  
**CYG-PTFE Premium Series and RSTFE Economy Series**  
PTFE, Shrink Tubing, 600 Volts/Mil, 260°C Nonflammable, E-180908, UL224.

**Silicone Over Braided Fiberglass**  
**CYG-CB-SGS Premium and ZZ-CB-SGS Economy Series**  
Flexible Silicone Tubing, 1500V, 2500V, 4000V, 7000V. Temperature rated at 200°C,

**Clear PVDF (Polyvinylidene Fluoride)**  
**CYG-KYNAR, 150°C & 175°C**  
PVDF Heat-shrinkable Tubing, 600V, 150°C, VW-1, Chemical Resistant,

**Braided Heat Shrink Cloth Fiber**  
**CYG-RSF, Heat Shrink Fiber Tubing**  
Flexible braided cloth fiber heat-shrinkable tubing, Outstanding mechanical abrasion protection.



### APPLICATIONS

This flexible tough tubing is used to protect rubber hydraulic hoses, plastic pipes and wiring harnesses from vibration and abrasion damage. Also excellent for suppressing rattle and shake noise.

2 to 1 Shrink Ratio Premium Series Part Number	Before Shrink (mm) Min Inside Dia.	After Shrink (mm) Max Inside Dia.	Inch Equiv	Meters/ Reel
CYG-RSF-12/6-B	≥ 12.00	≤6.00	.236	100
CYG-RSF-20/10-B	≥ 20.00	≤10.00	.394	
CYG-RSF-30/15-B	≥30.00	≤15.00	.590	
CYG-RSF-40/20-B	≥40.00	≤20.00	.787	
CYG-RSF-50/25-B	≥50.00	≤25.00	.984	
CYG-RSF-60/30-B	≥60.00	≤30.00	1.18	
CYG-RSF-70/35-B	≥70.00	≤35.00	1.38	

### Technical Information

Attribute	Test Method	Specifications
Shrink Temperature		110°C
Operating temperature range		-40°C-125°C
Abrasion resistance (200g load, 144000 cycles)	23°C by 168hrs 158°C by 168hrs	No damage to underlying hose No damage to underlying hose
Low temperature flexibility	4hrs at 40°C, 10 X diameter mandrel	No cracking
Cold impact	200g weight from 100mm at -40°C	No cracking
Thermal shock	100 cycles between -40°C and 125°C	No deterioration in abrasion resistance at 80°C
Fluid resistance	24hrs immersion at 23°C	No deterioration in abrasion resistance at 80°C

