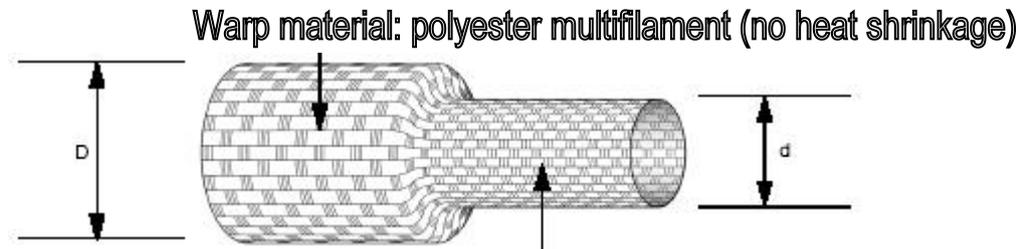


## Abrasion-resistant Heat Shrinkable Braided Sleeving

### DRAWING



Latitudinal material: special modified polyolefin monofilament (heat shrinkable)

### Standard Size

PART NO.	INSIDE DIAMETER (mm/in)	
	D(min.)	d(max.)
HSS010	10	5
HSS012	12	6
HSS020	20	10
HSS030	30	15
HSS040	40	20
HSS050	50	25
HSS060	60	30
HSS070	70	35

### Custom Size

PART NO.	INSIDE DIAMETER (mm/in)	
	D(min.)	d(max.)
HSS025	25	12.5
HSS035	35	17.5
HSS080	80	40

Note: D is the initial inner diameter of the product; D is the inner diameter after complete heat shrinkage

### Heat Shrink-ability

Thermal shrinkage ratio: 2:1

The wall thickness of braided pipe after full shrinkage is about 1.0 mm

Longitudinal change after complete contraction: - 10 ~ - 20%

### Temperature Grade

High temperature and abrasion resistant protection from BSTFLEX

Operating temperature range (3000 hours): - 40 °C ~ 125 °C  
 Service temperature range (1000 hours): - 40 °C ~ 150 °C  
 Minimum shrinkage temperature: 110 °C  
 Recommended shrinkage temperature: 120 °C ~ 150 °C  
 Maximum storage temperature: 50 °C

## Materials

Warp material: polyester multifilament  
 Latitudinal material: irradiation crosslinking, modified polyolefin (PE-7042)  
 Coating material: modified polyolefin

## Basic performance

Performance	TEST	RESULT
Wear resistance: (200g load, 0.3mm metal knife edge, 10Hz, 10min stroke, 144000 cycles)	23°C	The protected rubber pipe fittings are not worn
	80°C	The protected rubber pipe fittings are not worn
	125°C	The protected rubber pipe fittings are not worn
Thermal aging property	168 小时, 125 °C	The wear resistance is not weakened at 23 °C
	24 小时, 150 °C	The wear resistance is not weakened at 23 °C
Flame retardancy	MVSS 302	Uncracked
Low temperature flexibility	-40°C 4 hours	Uncracked
Solvent resistance: 1. Antifreeze (50% glycol) 2. Engine oil (SAE 10W / 30) 3. Mineral hydraulic fluid 4. Detergent (1% active agent) 5. Brake oil (DOT 4) 6. Unleaded gasoline 7. Diesel oil	Soak at 23 °C for 24 hours	The wear resistance is not weakened at 23 °C