

QSFU-5000

RoHS
Compliant

HIGHLY FLEXIBLE WOVEN FABRIC TUBING, ABRASION AND VIBRATION RESISTANT, SHRINK RATIO 2:1

Features/Applications

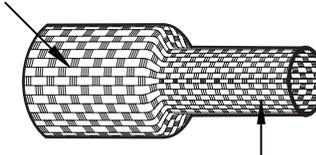
Manufactured using polyester fiber PET and cross-linked polyolefin material. Provides abrasion and vibration protection for components such as plastic pipes, rubber hoses, and wiring harnesses. QSFU-5000 is resistant to heat, humidity, and harsh environments.

- Operating temperature: -40°C to +125°C
- Minimum shrink temperature: 110°C
- Maximum storage temperature: 60°C
- Recommended installation temperature: 180°C ~ 220°C
- Approvals: , 105°C, Inside Diameter 6-35mm, Black only
- Standard colors: Black
- RoHS Compliant



Technical Data		
Property	Test Method	Test Results
Low Temperature Flexibility	4 Hours at -40°C, wrapped 10X diameter mandrel	No cracking
Low Temperature Shock	200g drops from 100mm 4hrs at -40°C	No cracking
Abrasion Resistance	200g load, 0.3mm radius metal knife edge, 10mm impact, 144000 cycles in 23°C	No damage
Heat aging	125°C for 168hrs	No damage
Thermal Stress Test	-40°C ~ 125°C, 100 cycles	No damage

Polyester Fiber PET (Longitudinal material)



Cross-linked Polyolefin (Latitudinal material)

Product Dimensions				
Size	As Supplied (mm)		After Recovered (mm)	Standard Packaging
	Inside Diameter (min.)	Flat Width	Inside Diameter (max.)	Standard Length *(SS) (meter)
12	12	19+6/-1	6.0	100
17	17	28+5/-0	8.5	100
20	20	33+5/-0	10.0	100
25	25	39+6/-1	12.5	50
30	30	50+5/-0	15.0	50
35	35	55+6/-1	17.5	50
40	40	63+5/-0	20.0	50
45	45	72+5/-0	22.5	50
50	50	80+5/-0	25.0	50
60	60	95+7/-1	30.0	50
70	70	109+8/-2	35.0	50
80	80	125+8/-2	40.0	25
90	90	143+8/-2	45.0	25
100	100	157+9/-3	50.0	25
120	120	188+9/-3	60.0	25

Notes:

- * See Part Number Guide for standard packaging codes.
- Cross Reference Guide available.
- Diameter size $\leq \varnothing 25\text{mm}$ packaged with spool, >math>\varnothing 25\text{mm}</math>, packaged in a roll.
- Special sizes, packaging, colors and cut pieces are available upon request.