

SuperFlex™

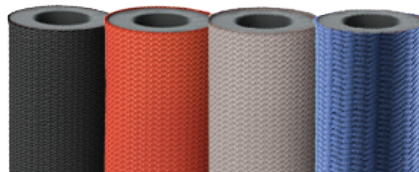
High-Purity Tubing For The Welding Industry

EXTREMELY LIGHTWEIGHT · ULTRA-FLEXIBLE
ABRASION RESISTANT · HEAT SHIELDED · UV RESISTANT

HIGH-PURITY TUBING FOR THE WELDING INDUSTRY

SuperFlex™ is specifically designed for the welding industry. In the past, weld gas tubing has been manufactured from natural gum rubber, which typically has inconsistent quality and is prone to impurities and dry rot. SuperFlex™ is different. We use a high purity synthetic thermoplastic rubber to manufacture our weld gas tubing. The result is the purest weld gas and coolant tubing on the market. The high-purity synthetic-thermoplastic rubber liner material is bonded to a high abrasion, close-braid covering which gives the tubing a high pressure rating and also protects it from UV, heat exposure, and abrasion. The liner material is recommended for inert gases, ground wires, and coolant fluids. SuperFlex™ is extremely lightweight and ultra-flexible.

AVAILABLE COLORS



Black, Red, Platinum Gray, Blue.

APPLICATIONS

TIG/MIG/Plasma

Argon

Ground Wire

Coolant Fluids

Dental Air/Vacuum

BENEFITS

High Purity

Low Moisture Permeability

Lightweight

Extremely Flexible

Abrasion Resistant Shell

CERTIFICATIONS

UL Listed

Traceability: Lot and Batch

Certification: Lot and Batch

SuperFlex™

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SIZING CHART

Part Number	ID	OD	Wall	Length
TT-SFO0.125-0.250*	.125"	.250"	.062"	500'
TT-SFO0.158-0.282*	.158"	.282"	.062"	500'
TT-SFO0.187-0.312*	.187"	.312"	.062"	500'
TT-SFO0.250-0.375*	.250"	.375"	.062"	500'
TT-SFO0.265-0.390*	.265"	.390"	.062"	500'
TT-SFO0.375-0.500*	.375"	.500"	.062"	500'
TT-SFO0.398-0.523*	.398"	.523"	.062"	500'

To Specify color Replace * with the following: BL=Blue, RD=Red, BK=Black, PG=Platinum Gray

*Custom Sizes & Colors Available on Request

THERMAL PROPERTIES**

Core	220°F/104°C
Braiding	492°F/256°C (melting point)

BURST PRESSURE**

500 Psig

PACKAGING

Continuous Spools 500 Ft

Pre-Cut Lengths

Fabricated Hose Connections

PHYSICAL PROPERTIES**

Mechanical Properties	English	SI	Test Method
Shore Hardness, 10 sec delay	59A	60A	ASTM D2240
Specific Gravity	0.99	0.99	ASTM D792, 23/73°F(23°C)
Tensile Strength	700 psi	4826 kPa	ASTM D412-Die C, 2hrs, 73°F(23°C)
Elongation at Break	230%	230%	ASTM D412-Die C, 2hrs, 73°F(23°C)
100% Modulus	670 psi	4619 kPa	ASTM D412-Die C, 2hrs, 73°F(23°C)
Tear Strength	140 ppi	25kN/m	ASTM D624

**Unless otherwise indicated, the values listed are the typical properties of the material used in manufacture and are intended only for use as a guide. Actual values for application should be determined through field testing.



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