

SuperFlex™

High-Purity Tubing For The Welding Industry

EXTREMELY LIGHTWEIGHT
ULTRA-FLEXIBLE
ABRASION RESISTANT
HEAT SHIELDED
UV RESISTANT

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 available in five primary colors. Custom sizes and colors are available on request.

SuperFlex is extremely light weight and ultra flexible.

Contact your account representative for custom sizes and materials.





Sizing Chart

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

To Specify color Replace BK with the following: BL=Blue RD=Red BK=Black Wh=White GR=Gray

*Custom Sizes & Colors Available on Request

Applications

TIG/MIG/Plasma
Argon
Ground Wire
Coolant Fluids
Dental Air/Vaccum

Benefits

High Purity
Low Moisture Permeability
Lightweight
Extremely Flexible
Abrasion Resistant Shell

Certifications

UL Listed
Traceability: Lot and Batch
Certification: Lot and Batch

Temperature Rating

Core 220°F
Braiding 492°F (melting point)

Burst Pressure

500 Psig

Packaging

Continuous Spools 500 ft
Pre-Cut Lengths
Fabricated Hose Connections

Additional Data

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

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