

## SHRINKFLEX® 2:1 FABRIC

### SHRINKS TO 1/2 ITS ORIGINAL DIAMETER · HIGHLY FLEXIBLE EXCELLENT CHEMICAL RESISTANCE · MECHANICAL ABRASION PROTECTION

2:1 Fabric Heatshrink tubing, a unique mixture of Polyolefin and Polyester yarns which shrinks to 1/2 its original diameter, is the ideal way to form the only shrinkable fabric of its kind. The woven construction makes this product extremely flexible and resistant to trapping water, heat and humidity. Provides outstanding abrasion, chafing and cutting protection, even at high temperatures. Shrinkflex® Fabric tubing, designed primarily to provide mechanical abrasion protection for components such as rubber hoses, plastic pipes, and harness wiring bundles. Also suitable for other applications, such as noise and rattle suppression.

#### SIZING CHART

Nominal Size	Part #	Unshrunk Diameter	Shrunk Diameter	*Put-Ups		Available Colors	Kgs/100m
				M	L		
12,7mm	H2F0.48BK	12mm	6mm	7,6m	30,5m	1	1,71
19,1mm	H2F0.79BK	20mm	10mm	7,6m	30,5m	1	2,40
30,2mm	H2F1.18BK	30mm	15mm	7,6m	30,5m	1	3,17
38,1mm	H2F1.58BK	40mm	20mm	7,6m	30,5m	1	3,96
50,8mm	H2F1.97BK	50mm	25mm	7,6m	30,5m	1	5,12
60,3mm	H2F2.36BK	60mm	30mm	7,6m	30,5m	1	6,12
69,9mm	H2F2.75BK	70mm	35mm	7,6m	30,5m	1	6,98

\*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



#### FEATURES

Material	Polyolefin/Polyester
Grade	H2F
Monofilament Diameter	NA
Drawing Number	TF001H2F-WD
Cutting	Scissors

#### COLORS



Black (BK)

#### CERTIFICATIONS



## CHEMICAL RESISTANCE

Lubricating Oil	High
Antifreeze (50% Ethylene Glycol)	High
Brake Fluid	High
Engine Oil	High
Unleaded Gasoline	High
Diesel Fluid	High
Hydraulic Fluid	High
Mineral Hydraulic Fluid	High
Battery Acid	High
Water	High

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non-Flame Retardant
Recommended Cutting	Scissors
Colors	1
Wall Type	Single
Pliancy	Very Flexible
Abrasion Resistance	High

## FLAMMABILITY

Rating	Non-Flame Retardant
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## OPERATING TEMPERATURES

Shrinks	275°F / 135°C
Maximum Continuous (Mil-I-23053)	275°F / 135°C
Minimum Continuous (Mil-I-23053)	-40°F / -40°C



## HOW-TO

Measure the Shrinkflex® tubing to length and cut with a scissor. The thickness of your bundle, as well as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 38,1mm - 50,8mm long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.

Slip the Shrinkflex® tubing over the bundle and position it so that both the sleeved and unsleeved portions are sufficiently covered. Notice the small pieces of tubing installed on single wires as part of a color coding system. If your project requires multiple operations, always work up from the smallest to the largest bundle.

Gently apply heat to Shrinkflex® tubing from a heat gun, hair dryer or torch with an appropriate attachment. Keep the heat source far enough away so that hot metal or direct flame does not come in contact with the tubing, wires or sleeving. Move the heat around the bundle to prevent damaging the sleeving and to ensure that all areas of the tubing have been shrunk. Once cooled, your installation is complete.