Flexible, Semi-Rigid Wrappable Split Braided Tube

F6's unique split, semi-rigid braided construction makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (Velcro, tape, etc.).

The PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices. F6 will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

Colors Available:
4= BK, OR, PG, CW.

Put-Ups

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Part #</th>
<th>Wall Thickness</th>
<th>Monofilament Diameter</th>
<th>Bulk Box</th>
<th>Box A</th>
<th>Box B</th>
<th>Available Colors</th>
<th>Lbs/100’</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8”</td>
<td>F6N0.13</td>
<td>.024”</td>
<td>.008”</td>
<td>8,000’</td>
<td>400’</td>
<td>100’</td>
<td>4</td>
<td>0.47</td>
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<tr>
<td>1/4”</td>
<td>F6N0.25</td>
<td>.025”</td>
<td>.010”</td>
<td>3,000’</td>
<td>200’</td>
<td>100’</td>
<td>4</td>
<td>0.60</td>
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<tr>
<td>3/8”</td>
<td>F6N0.38</td>
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<td>1,500’</td>
<td>150’</td>
<td>75’</td>
<td>4</td>
<td>1.20</td>
</tr>
<tr>
<td>1/2”</td>
<td>F6N0.50</td>
<td>.025”</td>
<td>.010”</td>
<td>1,200’</td>
<td>150’</td>
<td>75’</td>
<td>4</td>
<td>1.40</td>
</tr>
<tr>
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<td>500’</td>
<td>100’</td>
<td>50’</td>
<td>4</td>
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</tr>
<tr>
<td>1”</td>
<td>F6N1.00</td>
<td>.038”</td>
<td>.015”</td>
<td>400’</td>
<td>100’</td>
<td>50’</td>
<td>4</td>
<td>2.00</td>
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<td>.015”</td>
<td>250’</td>
<td>75’</td>
<td>25’</td>
<td>4</td>
<td>2.40</td>
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<td>.015”</td>
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<td>3.60</td>
</tr>
</tbody>
</table>

Put-Ups

Colors Available:
Black (BK), Orange (OR), Platinum Gray (PG) & Clear/White (CW).

The large overlap allows easy installation over splices and incline connectors without exposing wires and cables.
ABRASION RESISTANCE

Abrasión Resistance
High

Abrasión Test Machine
Taber 5150

Abrasión Test Wheel
Calibrase H-18

Abrasión Test Load
500g

Room Temperature
80°F

Humidity
74%

Some Scuffing Visible
500 Test Cycles

Significant Wear Is Visible
With Several Braid Filaments Broken
1,200 Test Cycles

Material Destroyed
1,950 Test Cycles

Pre-Test Weight
5,365.1 mg

Post-Test Weight
4,850 mg

Test End Loss Of Mass Point Of Destruction
515.1 mg

CHEMICAL RESISTANCE

Aromatic Solvents ________________ 2
Aliphatic Solvents ________________ 1
Chlorinated Solvents ______________ 3
Weak Bases _______________________ 1
Salts _____________________________ 1
Strong Bases _____________________ 2
Salt Water 0-S-1926 ________________ 1
Hydraulic Fluid MIL-H-5606 __________ 1
Lube Oil MIL-L-7808 ________________ 1
De-Icing Fluid MIL-A-8243 __________ 1

Strong Acids _____________________ 3
Strong Oxidants __________________ 2
Esters/Ketones ____________________ 1
UV Light _________________________ 1
Petroleum ________________________ 1
Fungus ASTM G-21 ________________ 1
Halogen Free ______________________ Yes
RoHS ____________________________ Yes
SVHC ____________________________ None

PHYSICAL PROPERTIES

Monofilament Diameter ______ .008-.015
ASTM D-204

Flammability Rating _______ UL94
Recommended Cutting _____ Hot Knife
Colors _______________________ 1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Wall Thickness __________ .024-.038

Tensile Strength (Yarn) ________ 6-10
ASTM D-2256 Lbs

Specific Gravity _____________ 1.38
ASTM D-792

Moisture Absorption __________ .1-.2
% ASTM D-570

Hard Vacuum Data ASTM E-595
TML ________________________ 19
CVCM ________________________ .00
WVR _________________________ .16
Smoke D-Max ________________ 56
ASTM E-662

Outgassing _________________ Med

Oxygen Index ________________ 21
ASTM D-2863