Tight Weave for Extra Coverage

The FLEXO® Tight Weave original braided from 10 mil polyethylene terephthalate (PET) monofilament yarns. The material has a wide operating temperature range, is resistant to chemical degradation, UV radiation, and abrasion. Tight Weave is designed for use in applications where optimum coverage and abrasion resistance is required. The tight braid construction increases the coverage, wear factor and improves harness security.

Used in electronics, automotive, marine and industrial wire harnessing applications where cost efficiency and durability are critical.

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Part #</th>
<th>Expansion Range</th>
<th>Bulk Spool</th>
<th>Shop Spool</th>
<th>Available Colors</th>
<th>Lbs/100'</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>PTT0.13</td>
<td>1/16&quot; - 1/4&quot;</td>
<td>1,000'</td>
<td>225'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>0.29</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>PTT0.25</td>
<td>11/64&quot; - 11/32&quot;</td>
<td>1,000'</td>
<td>200'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>0.36</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>PTT0.31</td>
<td>1/4&quot; - 3/8&quot;</td>
<td>1,000'</td>
<td>200'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>0.58</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>PTT0.50</td>
<td>11/32&quot; - 5/8&quot;</td>
<td>500'</td>
<td>100'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>0.84</td>
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<tr>
<td>3/4&quot;</td>
<td>PTT0.75</td>
<td>1/2&quot; - 13/16&quot;</td>
<td>250'</td>
<td>75'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
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<tr>
<td>1&quot;</td>
<td>PTT1.00</td>
<td>5/8&quot; - 1 1/8&quot;</td>
<td>250'</td>
<td>65'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>1.23</td>
</tr>
<tr>
<td>1 1/4&quot;</td>
<td>PTT1.25</td>
<td>1&quot; - 1 1/16&quot;</td>
<td>250'</td>
<td>50'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>1.30</td>
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<td>1 1/2&quot;</td>
<td>PTT1.50</td>
<td>1 1/8&quot; - 2&quot;</td>
<td>200'</td>
<td>40'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>1.95</td>
</tr>
<tr>
<td>1 3/4&quot;</td>
<td>PTT1.75</td>
<td>1 1/2&quot; - 2 5/8&quot;</td>
<td>200'</td>
<td>30'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>2.60</td>
</tr>
<tr>
<td>2&quot;</td>
<td>PTT2.00</td>
<td>1 3/4&quot; - 3 1/8&quot;</td>
<td>200'</td>
<td>50'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
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</tr>
<tr>
<td>2 1/2&quot;</td>
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<td>2&quot; - 3 1/2&quot;</td>
<td>100'</td>
<td>50'</td>
<td>BK, BNY, BNB, BNO, BNR</td>
<td>3.60</td>
</tr>
</tbody>
</table>

High thermal and chemical resistance and extra coverage make FLEXO® TIGHT WEAVE ideal for customizing and protecting the wires, hoses and cables.

Black & Neon Blue(BNB), Black & Neon Red(BNR), Black and Neon Orange(BNO), Black and Neon Yellow(BNY), and Black (BK)
ABRASION

Flammability

Abrasition Resistance
High

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
77°F

Humidity
72%

Two Broken Filament
300 Test Cycles

Approximately 6 Broken Filaments
500 Test Cycles

Material Destroyed
- Very Visible Hole In Material
1,150 Test Cycles

Pre-Test Weight
4,547.4 mg

Post-Test Weight
4,133.9 mg

Test End Loss Of Mass Point Of Destruction
413.5 mg

Rating ___________ UL94VO, FAR25, FMVSS-302

Melt Point
ASTM D-2117
482°F (250°C)

Maximum Continuous
Mil-I-23053
257°F (125°C)

Minimum Continuous
-94°F (-70°C)

CHEMICAL RESISTANCE

1=No Effect
2=Little Effect
3=Affected
4=More Affected
5=Severely Affected

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 ___________.010
ASTM D-204

Flammability Rating ___________ UL94
FMVSS-302 Approved

Recommended Cutting _______ Hot Knife

Colors ________________________ 5

Wall Thickness _________________ .025

Tensile Strength (Yarn) __________ 7.5
ASTM D-2256 Lbs

Specific Gravity ASTM D-792 ______ .38

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

Hard Vacuum Data ______________
ASTM E-595 at 10-5 torr

TML __________________________ .19

CVCM _________________________ 00

WVR __________________________ .16

Smoke D-Max __________________ 56
ASTM E-662

Outgassing _____________________ Med

Oxygen Index ____________________ 21
ASTM D-2863