

- Does Not Trap Heat Or Humidity
- Fire Resistant
- Suitable For External Engine & Cabin Harnesses

|         |           |           |          |          | _ rut  | -ohs — |            |      |
|---------|-----------|-----------|----------|----------|--------|--------|------------|------|
| Nominal | Part      | Wall      | Expansio | on Range | Bulk   | Shop   | Available  | Kgs/ |
| Size    | #         | Thickness | Min      | Max      | Spool  | Spool  | Colors     | 100m |
| 3,2mm   | OVR0.13BK | 1,1mm     | 3,2mm    | 3,2mm    | 152,4m | 30,5m  | Black (BK) | 0,89 |
| 9,5mm   | OVR0.38BK | 1,1mm     | 6,4mm    | 12,7mm   | 152,4m | 30,5m  | Black (BK) | 2,38 |
| 12,7mm  | OVR0.50BK | 1,1mm     | 9,5mm    | 19,1mm   | 152,4m | 30,5m  | Black (BK) | 2,98 |
| 19,1mm  | OVR0.75BK | 1,1mm     | 15,9mm   | 28,6mm   | 76,2m  | 30,5m  | Black (BK) | 4,46 |
| 25,4mm  | OVR1.00BK | 1,1mm     | 25,4mm   | 63,5mm   | 76,2m  | 30,5m  | Black (BK) | 5,66 |
| 38,1mm  | OVR1.50BK | 1,1mm     | 38,1mm   | 95,3mm   | 61,0m  | 15,2m  | Black (BK) | 6,55 |

Dut-IInc



## Material

**PVC Coated Nylon** 

Grade OVR

Monofilament Diameter 0,7mm

## Drawing Number TF0010VR-WD

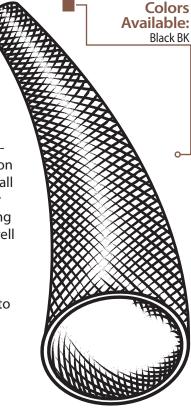


## OEM Overbraid Replacement For Heavy Duty Harnesses

The fact is, braid is better at protecting wire harnesses than any other technology engineers have come up with. Braid beautifully combines the features of flexibility, ruggedness, breathability, and coverage.

What is not considered a feature of braid is the 2000 pound braiding machine required to create many of today's "over braided" heavy equipment harnesses. That's why Techflex® created OVR Braid. Made from the exact OEM yarns used and approved by the top construction equipment manufacturers, OVR Braid is designed to install from a roll quickly and efficiently. This is perfect whether building an assembly from scratch or repairing an existing wire loom. OVR can be installed in a similar way to our well know Flexo style sleeves, by expanding and sliding it. This allows OVR to snake itself down nearly any harness without tools or machines. Once installed even a highly experienced harness aficionado would be hard pressed to tell which harness was "over braided" and which harness was "Techflex®OVR Braid".

Perfect for usage in heavy duty construction, agriculture, forestry & mining equipment.





## **HEAVY DUTY** Technical Data Sheet



700° -



Abrasion Resistance Very High

**Abrasion Test Machine Taber 5150** 

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g

**Room Temperature** 22°C

Humidity 22%

**Slightly Worn** 300 Test Cycles

Slightly Worn 500 Test Cycles

**One Broken Thread** 700 Test Cycles

Material Damaged -Hole 1 100 Test Cycles

**Pre-Test Weight** 9 874,0 mg

Post-Test Weight 9 604,8 mg

**Test End Loss Of Mass Point Of Destruction** 269,2 mg

| Л | CHEMICAL   |
|---|------------|
|   | RESISTANCE |
|   |            |

1=No Effect 2=Little Effect 3=Affected

4=More Affected 5=Severely Affected

| A .::CC            |   |
|--------------------|---|
| Antiffreeze        | I |
| Battery Acid       | 2 |
| Grease             | 1 |
| Hydraulic Fluid    | 2 |
| Oil                | 1 |
| Transmission Fluid | 2 |
| Washer Fluid       | 0 |
| Brake Fluid        | 2 |
| Diesel             | 2 |
| Gasoline           | 2 |
|                    |   |

RoHS

| Melt Point            | 600°    |   |
|-----------------------|---------|---|
| ASTM D-2117           | 500° _  |   |
| Yarn=450°F (232°C)——  | 400° _  |   |
| Resin=325°F (163°C)—— |         |   |
| -                     | 300°    |   |
| Maximum Continuous——— |         | - |
| Mil-I-23053           | 200°    |   |
| <b>225°F (107°C)</b>  | 100°    |   |
|                       | 0° _    |   |
| Minimum Continuous    |         |   |
| -40°F (-40°C)         | -100°   |   |
|                       | -2009 - |   |



FLAMMABILITY

Rating \_\_\_\_\_ Fire Resistant

| O,       | PHYSIC<br>PROPER |       |
|----------|------------------|-------|
| Monofila | ment Diameter    | 0,7mm |

| ASTM D-204                     |       |
|--------------------------------|-------|
| Recommended Cutting _          | HK    |
| Colors                         | 1     |
| Wall Thickness                 | 1,1mm |
| Tensile Strength (Yarn)<br>Lbs | 15    |
| Yield<br>Yds/lb                | 1,000 |

OPERATING TEMPERATURE

Yes

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