



OVR BRAID

OEM OVERBRAID REPLACEMENT FOR HEAVY DUTY HARNESSSES

IT DOESN'T TRAP HEAT OR HUMIDITY · FIRE RESISTANT

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".

SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
				M	L		
1/8"	OVR0.13BK	1/8"	1/8"	100'	500'	1	0.60
3/8"	OVR0.38BK	1/4"	1/2"	100'	500'	1	1.60
1/2"	OVR0.50BK	3/8"	3/4"	100'	500'	1	2.00
3/4"	OVR0.75BK	5/8"	1 1/8"	100'	250'	1	3.00
1"	OVR1.00BK	1"	2 1/2"	100'	250'	1	3.80
1 1/2"	OVR1.50BK	1 1/2"	3 3/4"	50'	200'	1	4.40

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



FEATURES

Material	PVC Coated Nylon
Grade	OVR
Monofilament Diameter	.028"
Drawing Number	TF001OVR-WD
Cutting	Hot Knife

COLORS



Black (BK)

CERTIFICATIONS





ABRASION

Abrasion Resistance	VERY HIGH
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	72°F
Humidity	22%
Slightly Worn	300 Test Cycles
One Broken Thread	700 Test Cycles
Material Destroyed - 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

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.028"
Flammability Rating	Fire Resistant
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	.042"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	15
Yield (Yds/lb)	1,000
Specific Gravity (ASTM D-792)	
Moisture Absorption % (ASTM D-570)	
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	
CVCM	
WVR	
Smoke D-Max (ASTM E-662)	
Outgassing	
Oxygen Index (ASTM D-2863)	

FLAMMABILITY

Rating	Fire Resistant
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117) Yarn =	450°F / 232°C
Resin =	325°F / 163°C
Maximum Continuous (Mil-I-23053)	225°F / 107°C
Minimum Continuous (Mil-I-23053)	-40°F / -40°C

CHEMICAL RESISTANCE

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

Antifreeze	1
Battery Acid	2
Grease	1
Hydraulic Fluid	2
Oil	1
Transmission Fluid	2
Washer Fluid	0
Brake Fluid	2
Diesel	2
Gasoline	2
Halogen Free	
RoHS	Yes
SVHC	