



# **FLEXO® PRISMIX** RANDOM CAMOUFLAGE • DUAL-COLORED MONOFILAMENT EVEN MORE COLOR POSSIBILITIES

Prismix (PTD) utilizes a cutting-edge dual-colored monofilament to produce never before possible color combinations. This new technology creates and incredible random camouflage in our exclusive new mix series of products. Be sure to utilize Prismix on your next adventure for the best braided camo you have ever scene, or not seen!

#### \*Put-Ups Nominal Available Min Max Lbs/ Part # Expansion Expansion Colors 100' Size L Μ 1/8' PTD0.13 1⁄4″ 225' 1,000' 2 0.20 <sup>3</sup>/32″ 1/4" PTD0.25 1/8" 7/16" 200' 1.000' 2 0.30 <sup>3</sup>⁄8″ PTD0.38 <sup>3</sup>/<sub>16</sub>" 1/2" 125' 500' 2 0.57 1/2" PTD0.50 1⁄4" <sup>3</sup>⁄4″ 100' 500' 2 0.77 PTD0.63 3/8" 1″ 100' 500' 2 0.95 5⁄8" PTD0.75 75' 250' 2 <sup>3</sup>⁄4″ 1/2" 11/4" 1.20 1" ₅⁄8″ PTD1.00 1%" 65' 250' 2 1.34 1¼" PTD1.25 <sup>3</sup>⁄4″ 1¾" 50' 250' 2 1.60 2 1½" 1" 40' PTD1.50 21⁄8" 200' 1.96 1¾" PTD1.75 1¼" 2¼" 30' 200' 2 2.45

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

**SIZING CHART** 



## **FEATURES**

Material	Polyethylene Terephthalate
Grade	PTD
Monofilament Diameter	.010"
Drawing Number	TF001PET-WD
Cutting	Hot Knife

### COLORS



Expedition Mix (EM) and Trail Mix (TM)

### CERTIFICATIONS









#### **ABRASION**

Abrasion 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 Filaments	300 Test Cycles
Approx. 6 Broken Filaments	500 Test Cycles
Material Destroyed	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

### **PHYSICAL PROPERTIES**

Monofilament Diameter (ASTM D-204)	.010"	
Flammability Rating	UL94	
Recommended Cutting	Hot KnifeK	
Colors	2	
Wall Thickness	.025"	
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	7.5	
Specific Gravity (ASTM D-792)	1.38	
Moisture Absorption % (ASTM D-570)	.12	
Hard Vacuum Data (ASTM E-595 at 10-5 torr)		
TML	.19	
CVCM	.00	
WVR	.16	
Smoke D-Max (ASTM E-662)	56	
Outgassing	Medium	
Oxygen Index (ASTM D-2863)	21	

#### **FLAMMABILITY**

Rating		UL94

# **OPERATING TEMPERATURES**

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-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

#### www.TECHFLEX.com

104 Demarest Road • Sparta, NJ 07871 • 1 (833) SLEEVING • (973) 300-9242 • fax: (973) 300-9409

© 2023 Techflex® - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex® is strictly forbidden. Techflex® product names and logos are registered trademarks of Techflex®, unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex® makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex® only obligations are those in standard terms of sale for these products on typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.