



DURA BRAID SEAMLESS BRAIDED DESIGN DEFLECTS HIGH PRESSURE HOSE RUPTURES · RESISTS SNAGGING

The Techflex® Dura Braid is the longest wearing braided abrasion sleeve we have ever made. Taking advantage of the benefits of our braiding heritage Dura Braid is more flexible, easier to fit on applications and has no seam on its axis. The result is a continuous seamless and beautiful product that will protect your woven Dura Flex product. In side by side comparisons our new Dura Braid provides 50% more wear life than the industry standard hose protection sleeves. This new technology hose guard wears like iron with help from our new and exclusive polymeric textile infusion process. This is the first product of its kind and it will set a new standard in the hose guard industry. Hydraulic and pneumatic hose systems are hyper critical to many industrial machines. That's why we take our protection so seriously. Unprotected hose and wire systems cost our economy in so many ways including lost productivity, repairs, and cleanups. Techflex® is built on developing and providing solutions before problems occur. We constantly strive to for cost effective solution too and Dura Braid is priced competitively with solutions that offer 1/2 of its abrasion resistance.

SIZING CHART

Nominal Size	Part #	Wall Thickness	*Put-Ups		Available Colors	Kgs/100m
			M	L		
12,7mm	DBN0.50BK	1,6mm	15,2m	30,5m	1	4,61
15,9mm	DBN0.63BK	1,6mm	15,2m	30,5m	1	4,76
19,1mm	DBN0.75BK	1,6mm	15,2m	30,5m	1	5,95
22,2mm	DBN0.88BK	1,6mm	15,2m	30,5m	1	6,85
25,4mm	DBN1.00BK	1,6mm	15,2m	30,5m	1	6,85
31,8mm	DBN1.25BK	1,6mm	15,2m	30,5m	1	8,48
38,1mm	DBN1.50BK	1,6mm	15,2m	30,5m	1	7,89
55,5mm	DBN2.19BK	1,6mm	15,2m	30,5m	1	12,35

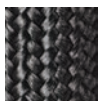
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Polyethylene Terephthalate
Grade	DBN
Wall Thickness	1,6mm
Drawing Number	TF00DBN-WD
Cutting	Scissors

COLORS



Black (BK)

CERTIFICATIONS



MSHA
Pending.



ABRASION

Abrasion Resistance	EXTREME
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	79°F / 26°C
Humidity	74%
Surface Somewhat Fuzzy	600 Test Cycles
Material Slightly Worn	3 000 Test Cycles
Significant Wear	5 000 Test Cycles
Material Destroyed	7 000 Test Cycles
Pre-Test Weight	12 808,1 mg
Post-Test Weight	12 178,8 mg
Test End Loss Of Mass Point Of Destruction	629,3 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	
Recommended Cutting	Scissors
Colors	1
Wall Thickness	1,6mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	
Specific Gravity (ASTM D-792)	1,38
Moisture Absorption % (ASTM D-570)	0,1 - 0,2%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	0,19
CVCM	0,00
WVR	0,16
Smoke D-Max (ASTM E-662)	
Outgassing	Med
Oxygen Index (ASTM D-2863)	22

FLAMMABILITY

Rating	
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	410°F / 210°C
Maximum Continuous (Mil-I-23053)	248°F / 120°C
Minimum Continuous (Mil-I-23053)	-49°F / -45°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 (O-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	