



## DURA FLEX

### INDUSTRIAL HOSE AND CABLE PROTECTION FOR HARSH ENVIRONMENTS DEFLECTS HIGH PRESSURE HOSE RUPTURES · RESISTS SNAGGING

The tightly woven nylon makes Dura Flex the perfect solution for hose & cable protection. The 1,1mm wall thickness will protect cables, hoses and ropes from weather, sunlight and abrasion damage. When installed over uncoated cable or chains, DF will prevent scraping, chafing and contact damage to painted or other fragile surfaces. DF is resistant to chemicals, UV damage and rot, and is suitable for continuous outdoor use under all weather conditions. The flexible sleeving cuts with a scissor and the tight construction slides easily over any application.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness	*Put-Ups			Available Colors	Kgs/100m
			M	L	XL		
18,0mm	DFN0.71BK	1,1mm	15,2m	30,5m	91,5m	1	3,82
21,1mm	DFN0.83BK	1,1mm	15,2m	30,5m	91,5m	1	3,84
23,4mm	DFN0.92BK	1,1mm	15,2m	30,5m	91,5m	1	4,79
25,4mm	DFN1.00BK	1,1mm	15,2m	30,5m	91,5m	1	5,45
28,7mm	DFN1.13BK	1,1mm	15,2m	30,5m	91,5m	1	6,22
31,8mm	DFN1.25BK	1,1mm	15,2m	30,5m	91,5m	1	6,68
34,0mm	DFN1.34BK	1,1mm	15,2m	30,5m	91,5m	1	7,20
40,4mm	DFN1.59BK	1,1mm	15,2m	30,5m	91,5m	1	7,99
44,5mm	DFN1.75BK	1,1mm	15,2m	30,5m	91,5m	1	9,12
52,6mm	DFN2.07BK	1,1mm	15,2m	30,5m	91,5m	1	10,80
60,5mm	DFN2.38BK	1,1mm	15,2m	30,5m	91,5m	1	12,32
64,5mm	DFN2.54BK	1,1mm	15,2m	30,5m	91,5m	1	13,36
72,6mm	DFN2.86BK	1,1mm	15,2m	30,5m	91,5m	1	14,72
84,8mm	DFN3.34BK	1,1mm	7,6m	15,2m	91,5m	1	17,25
93,0mm	DFN3.66BK	1,1mm	7,6m	15,2m	91,5m	1	18,23

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



#### FEATURES

Material	Nylon
Grade	DFN
Wall Thickness	1,1mm
Drawing Number	TF001DF-WD
Cutting	Scissors

#### COLORS



Black (BK)

#### CERTIFICATIONS



**ISO 6945**
**MSHA**



## ABRASION

Abrasion Resistance	<b>VERY HIGH</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	80°F / 27°C
Humidity	70%
Visible Wear & Some Pulling Of Fibers	500 Test Cycles
Material Wearing Through At Seam	2 750 Test Cycles
Material Destroyed	3 500 Test Cycles
Pre-Test Weight	7 191,6mg
Post-Test Weight	6 680,7mg
Test End Loss Of Mass Point Of Destruction	510,9mg

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	
Recommended Cutting	Scissors
Colors	1
Wall Thickness	1,1mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	
Specific Gravity (ASTM D-792)	1,14
Moisture Absorption % (ASTM D-570)	2,7%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	1,1
CVCM	0,01
WVR	0,69
Smoke D-Max (ASTM E-662)	
Outgassing	High
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	1
Aliphatic Solvents	1
Chlorinated Solvents	1
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	5
Strong Oxidants	5
Esters/Ketones	1
UV Light	2
Petroleum	3
Fungus (ASTM G-21)	2
Halogen Free	Yes
RoHS	Yes
SVHC	