



WELD WRAP

WELD SPLATTER, HOT SLAG, & WELDING SPARK PROTECTION STAYS FLEXIBLE IN LOW TEMPERATURES

Techflex® Weld Wrap® (WWN) is braided from fiberglass yarns with high temperature coating and velcro closure. Commonly used for protecting welding hoses against flame and abrasion, when dragging weld slag across the floor. This product will withstand continuous exposure to temperatures of 400°F/204.4°C, and intermittent introduction to temperatures of 750°F/399°C. The heavy duty hook and loop closure ensures a tight seal and allows Weld Wrap® to be installed easily over existing assemblies. Weld Wrap® also provides a high level of abrasion and penetration protection to increase the useful life of any hoses exposed to rough or abrasive surfaces.

SIZING CHART

Nominal Size	Part #	Velcro Width	Wall Thickness	*Put-Ups		Available Colors	Kbs/100m
				M	L		
25,4mm	WWN1.00BK	21,3mm	1,02mm	15,2m	45,7m	1	12,5
38,1mm	WWN1.50BK	21,3mm	1,02mm	15,2m	45,7m	1	16,4
50,8mm	WWN2.00BK	39,4mm	1,02mm	15,2m	45,7m	1	20,5
60,3mm	WWN2.38BK	39,4mm	1,02mm	15,2m	45,7m	1	22,0
69,9mm	WWN2.75BK	39,4mm	1,02mm	15,2m	45,7m	1	24,4
76,2mm	WWN3.00BK	39,4mm	1,02mm	15,2m	45,7m	1	27,4
82,6mm	WWN3.25BK	39,4mm	1,02mm	15,2m	45,7m	1	28,6
88,9mm	WWN3.50BK	39,4mm	1,02mm	15,2m	45,7m	1	30,4
101,6mm	WWN4.00BK	39,4mm	1,02mm	15,2m	45,7m	1	32,3

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



FEATURES

Material	Fiberglass
Grade	WWN
Wall Thickness	1,02mm
Drawing Number	TF001WWN-WD
Cutting	Scissors/Shears

COLORS



Black (BK)

CERTIFICATIONS





ABRASION

Abrasion Resistance	HIGH
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	77°F / 25°C
Humidity	70%
Material Destroyed - Two Small Holes Worn Through	1 060 Test Cycles
Pre-Test Weight	7 857,4mg
Post-Test Weight	6 602,2mg
Test End Loss Of Mass Point Of Destruction	1 255,2mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	Non Flammable
Recommended Cutting	Scissors/Shears
Colors	1
Wall Thickness	1,02mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	NA
Moisture Absorption % (ASTM D-570)	NA
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating	Non Flammable
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OPERATING TEMPERATURES

Intermittent Exposure	750°F / 399°C
Maximum Continuous (Mil-I-23053)	400°F / 204°C
Minimum Continuous	-40°F / -40°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	1
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	2
Strong Oxidants	2
Esters/Ketones	1
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	NA
RoHS	NA
SVHC	NA