

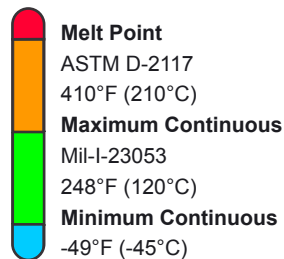
MDP provides tough hose protection in two ways. First, the ISO 6945 spec, MDP's unique .08" thick tubular weave design will withstand greater than 200,000 abrasion cycles without wearing through the fabric. Additionally, the exceptionally smooth inner wall provides easy installation and minimizes any internal abrasion problems. The tightly woven nylon construction is extremely flexible and resists chemical and ultraviolet degradation. MDP is perfect for industrial and construction applications where ISO certified hose protection is called for.



- Heavy duty, .08" wall thickness
- ISO 6945 certified
- Professional grade construction
- Smooth inner wall prevents internal abrasion damage
- Braided nylon resists UV, salt, chemicals, vermin & rot
- Halogen free
- Colour: black



TYPE	COLOUR
MDP0.75BK.15	15
NW	PÜ



Specifications are subject to change without notice

Order Number	Nominal Width	Wall Thickness		Weight		Standard Spool Put-Ups	
	(NW)	(mm)	(in)	Kg/100m	Lbs/100'	(M)	(F)
MDP0.75BK.15	0.75"	2.0	0.08"	6.58	4.43	15	50
MDP0.93BK.15	0.93"	2.0	0.08"	8.19	5.51	15	50
MDP1.13BK.15	1.13"	2.0	0.08"	10.63	7.15	15	50
MDP1.25BK.15	1.25"	2.0	0.08"	11.06	7.44	15	50
MDP1.35BK.15	1.35"	2.0	0.08"	11.92	8.02	15	50
MDP1.43BK.15	1.43"	2.0	0.08"	12.37	8.32	15	50
MDP1.63BK.15	1.63"	2.0	0.08"	14.06	9.53	15	50
MDP1.81BK.15	1.81"	2.0	0.08"	15.92	10.71	15	50
MDP2.19BK.15	2.19"	2.0	0.08"	18.30	12.31	15	50
MDP2.63BK.15	2.63"	2.0	0.08"	22.04	14.83	15	50
MDP2.88BK.15	2.88"	2.0	0.08"	25.71	17.30	15	50
MDP3.13BK.7.5	3.13"	2.0	0.08"	26.81	18.04	7.5	25
MDP3.38BK.7.5	3.38"	2.0	0.08"	29.89	20.11	7.5	25
MDP3.63BK.7.5	3.63"	2.0	0.08"	32.10	21.60	7.5	25
MDP4.00BK.7.5	4.00"	2.0	0.08"	34.96	23.52	7.5	25

Abrasion Test Data

- Abrasion resistance: **Extremely high**
- Abrasion test machine: **Taber 5150**
- Abrasion test wheel: **Calibrase H-18**
- Abrasion test load: **500g**
- Room temperature: **85°F**
- Humidity: **74%**
- Minimal visible wearing into material: **400 test cycles**
- Visible wearing into material: **3,000 test cycles**
- Heavy wear but not yet through the material: **11,000 test cycles**
- Material wear out: **13,000 test cycles**
- Pre-test weight: **14,096 mg**
- Post-test weight: **11,705 mg**
- Test end loss of mass point of destruction: **2,391 mg**

Physical Properties

- Monofilament diameter: **N/A**
- Flammability rating: **N/A**
- Recommended cutting: **Scissors**
- Colours: **1**
- Wall thickness: **.080**
- Tensile strength: **N/A**
- 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 1.10**
CVCM .01
WVR .69
- Smoke D-Max *ASTM E-662*: **N/A**
- Outgassing: **High**
- Oxygen index *ASTM D-2863*: **22**

MDP - Chemical Resistance Index

Severely Affected	More Affected	Affected	Little Effect	No Effect
3	4	5	2	1
Aromatic Solvents				
Aliphatic Solvents				
Chlorinated Solvents				
Weak Bases				
Salts				
Strong Bases				
Salt Water 0-S-1926				
Hydraulic Fluid MIL-H-5606				

Severely Affected	More Affected	Affected	Little Effect	No Effect
3	4	5	2	1
Lube Oil MIL-L-7808				
De-Icing Fluid MIL-A-8243				
Strong Acids				
Strong Oxidants				
Esters/Ketones				
UV Light				
Petroleum				
Fungus ASTM G-21				