



TPU LAYFLAT HOSE | SPECIFICATION SHEET



MWHPOLYTW200-160 200 PSI W.P. -40° to 180° F (-40° to 82° C) POLYURETHAN

* Made in USA

APPLICATION

Designed for produced water/fresh water transfer. Typically used for hydraulic fracture water transfer, to replace damaged hydrant lines, or to replace a broken water main. Manufactured with NSF standard 61 approved materials to use with potable water.

CONSTRUCTION

Polyurethane extruded through the weave and a circular polyester woven reinforcement. No use of glues or adhesives.

ID	Wall Thickness	Max WP	Elongation	Expansion	Weight	Reel Length
inch	inch	psi	at WP	at WP	lbs/660 ft	feet
4	0.157	250	1.0%	3.4%	667	660
6	0.161		1.0%	3.2%	1,063	
8	0.165		0.7%	3.0%	1,419	
10	0.165	200	0.5%	2.8%	1,894	
12	0.196		0.5%	2.6%	2,462	
14	0.215	150	1.0%	5.0%	2,500	528
16	0.215	125	1.0%	5.0%	2,850	

LAYGST Stems

Size	Weight	Length	Wall Thickness
inch	lbs	inch	inch
3	0.88	3.50	0.08
4	1.69	4.50	0.10
6	3.96	6.00	0.12
8	6.10	6.10	0.675
10	11.8	7.37	0.875
12	16.4	8.50	0.875
14	24.5	9.25	1.25
16	28.0	9.25	1.25



LAYGHC Clamps

Size	Weight	Length	Wall Thickness
inch	lbs	inch	inch
8	5.4	1.06	2.75
10	13.0	1.06	4.81
12	18.4	1.06	5.75
14	26.8	1.96	5.75
16	31.6	1.96	5.75



FEATURES

- Temperature -40° to 180° F.
- Minimum 2.5 to 1 safety factor

• Lining Properties

Ultimate Tensile Strength no less than 1200 psi

Ultimate Elongation when tested to UL-19 guidelines a small dumbbell sample of lining elongates a minimum of 400%

• Resistance

Abrasion 25mm³ on DIN 53516/ISO4649 testing, up to 5 times more resistant and 50% more puncture resistant than Nitrile/PVC

Cold Remains flexible in as low as -40° F conditions

Ozone No cracking in lining or cover when tested to ASTM D518 Procedure B (100 pphm/118°F/70 hours)

Chemical Resistant to most chemicals and petroleum products

Custom hose color and branding available on big volume orders

• All assemblies are hydrostatically tested above the MAWP (Maximum Allowable Working Pressure) in the USA. We take a great deal of pride in promising that only the highest quality product leaves through our doors.



MIDWEST HOSE & SPECIALTY

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