Midwest Hose & Specialty, Inc. Keeping the Industry Connected



# BUY AMERICAN. BUY DIRECT.

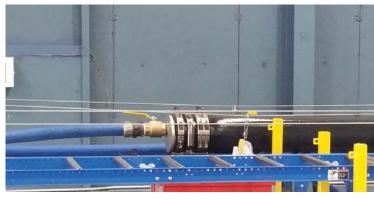
**Layflat Brochure** 

# MADE USAW









- Cast Aluminum A356-T6
   Machined with knurled texture to thoroughly engage hose between stem and clamp
   Anodized for abrasion/corrosion



LAYGST **Grooved Stem** Field Attachable

- Cast Aluminum A356-T6
   Machined with knurled texture to thoroughly
- engage hose between stem and clamp
- Anodized for abrasion/corrosion
   Safety lock avoids accidental uncoupling Gasket in stem for leak-tight seal



LAYST2SET Storz Stem Field Attachable

- Grooved or Storz Stem
  Cast Aluminum A356-T6
  Anodized for abrasion/corrosion
- SS bolts for longevityLightweight, rounded



LAYGHC Clamp Field Attachable

- Assembled onto pipe without disassemblying the bolts, nuts, and housing
   Speedier installation than normal grooved
- Push onto grooved fitting end, join by a second grooved fitting end, then tighten bolts and nuts



LAYGCR Speedier Installation



LAYG45

Grooved 45°



**LAYGTEE** 

Grooved Tee



LAYG•Y

Grooved Y, Parallel Y Lateral Y



**LAYGME** 

Mender



LAYFMT

Flow Meters



Stops flow to repair hose w/o losing water



**LAYHRT** 

Layflat Hose Restrictor



**BAUERS STYLE** 

**Quick Connects** 



LAYSTZHND Storz Bars 7/8" ID



**CAMLOCKS** 

**Quick Connects** 

### **TPU Layflat Hose**

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 for use with potable water. Custom hose color and branding available on big volume orders.

**Construction** Polyurethane Extruded Through the Weave and a Circular Polyester Woven Reinforcement. No use of glues or adhesives.

Safety Factor Minimum 2.25 to 1

#### **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



Part Number MWHPOLYTW200-XXX

| ID                 | Wall<br>Thickness | (Å)<br>Max WP | ← → Elongation | W<br>Weight  | Reel<br>Length |
|--------------------|-------------------|---------------|----------------|--------------|----------------|
| inch               | inch              | psi           | at WP          | lbs./660 ft. | feet           |
| 4                  | 0.157             | 250           | 1.0%           | 667          |                |
| 6                  | 0.161             | 230           | 1.0%           | 1063         |                |
| 8                  | 0.165             | 200           | 0.7%           | 1419         | 660            |
| 10                 | 0.165             | 200           | 0.5%           | 1894         |                |
| 12                 | 0.196             | 150           | 0.5%           | 2462         |                |
| TEST DOCUMENTATION |                   |               |                |              |                |



All assemblies are proof tested at working pressure in the USA. We take a great deal of pride in promising that only the highest quality product leaves through our doors.

### Warflex Through the Weave

A more economical alternative to our polyurethane layflat hose. Warflex is reinforced with high–tenacity polyester yarn and coated through the weave with a 70% nitrile rubber / 30% PVC blend for good chemical resistance for produced water. Less abrasion resistance and puncture resistance. Custom hose color and branding available on big volume orders.

**Construction** Nitrile/PVC Blend Extruded Through the Weave and a Circular Polyester Woven Reinforcement. No use of glues or adhesives.

Safety Factor Minimum 2.25 to 1

#### **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

**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

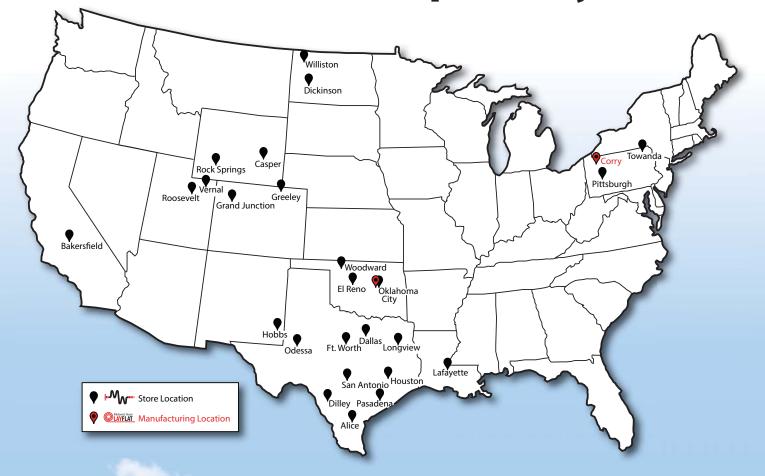


Part Number MWHWARFLEX •••-XXX

| ID   | Wall<br>Thickness | (Å)<br>Max WP | W<br>Weight  | Reel<br>Length |
|------|-------------------|---------------|--------------|----------------|
| inch | inch              | psi           | lbs./660 ft. | feet           |
| 2    | 0.079             | 200           | 0.27         |                |
| 3    | 0.085             | 175           | 0.45         |                |
| 4    | 0.093             | 150           | 0.64         | 660, 100,      |
| 6    | 0.112             | 150           | 1.11         | and 50 foot    |
| 8    | 0.126             | 150           | 1.88         | lengths        |
| 10   | Av                |               |              |                |
| 12   | Av                |               |              |                |



## Midwest Hose & Specialty, Inc.



**Corry, PA Manufacturing Plant** 



Oklahoma City, OK Manufacturing Plant & Store

