

UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT



2025



HYDRO-X



CATALOG



The World's Largest Distributor of Sewer Cleaning Hose and Proud Manufacturer of Pipeline Inspection and Hydro-X Equipment Since 1989

2025 UEMSI/HTV Terms & Conditions

General

UEMSI/HTV has general open account terms of NET 30 days for all open account customers.

Accounts over 45-day payables may be put on credit hold.

UEMSI/HTV is not responsible for any discrepancies or damage not reported within 7 days after receiving product.

Freight Terms

Freight is prepaid and added.

Ground Freight is paid one-way on warranty repairs.

UEMSI/HTV does not pay for overnight or second-day air freight for warranty repairs.

If a customer requests either of these services, they will be invoiced for the difference between ground and overnight or second-day air charges.

Special freight allowance programs are available. Call for more information.

Freight Damage Caused in Shipping

Please inspect all pallets or packages upon delivery and report any and all damages to delivery driver, not on Bill of Lading. Take pictures of any damage.

Notify UEMSI/HTV of the freight carrier damage with the Bill of Lading number immediately to begin claim with carrier.

Keep all packaging material intact and again, take photos for documentation for claim.

UEMSI/HTV will notify the customer when the carrier decides how the claim should be handled.

If freight shipment was arranged by customer or shipped on customer's account number, any damage has to be handled by the customer, as the responsibility rests on that freight account number.

Inventory

Inventory levels change daily.

All make items are quoted lead times in working days when order is placed.

All prices are subject to change without notice. However, UEMSI/HTV will do its best to keep its customers informed of these changes when an order is placed.

Returns

All returns must have a UEMSI/HTV Return Authorization number in order to return any merchandise or repair.

Any product returned Freight Collect will not be accepted.

Return Authorization number must be written on shipping label or on the outside of the package so our shipping department can properly process these goods.

Once a Return Authorization number is issued, it is valid for up to 30 days.

For returns on special order or make items, there may be a 15% restocking charge.

Return Authorization numbers can be obtained by calling (877) 389-9999 or faxing (262) 665-1990 or emailing UEMSI/HTV's customer service at sales@uemsihv.com

Customer Service Hours

8:00 a.m. to 5 p.m. Central Time Zone, Monday through Friday.

If you have any questions, please contact UEMSI/HTV at (877) 389-9999 or (262) 665-1980.

UEMSI/HTV
PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

W209 N17391 Industrial Drive - Jackson, Wisconsin 53037

Corporate Office: 877.389.9999 / 262.665.1980

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***The World's Largest Distributor of Sewer Cleaning Hose and Proud
Manufacturer of Pipeline Inspection and Hydro-X Equipment Since 1989***

DURA **TUBE**[™]

UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

Dura Tube™ has been specifically designed for industrial vacuum, sewer cleaning and the hydro excavation industry. Its durable design stands up to the everyday vacuuming of sand, pieces of broken pipe and concrete, rocks, soil, mud and organic material.

It's fair and safe to say Dura Tube, with its T6063T6 aluminum alloy construction, will last over twice as long as .072" or .090" wall irrigation tubing while being used in a highly abrasive environment. Dura Tube's seamless construction has a wall thickness of .110" for 8" O.D. tubing and .106" wall thickness on 6" O.D. tubing.

Dura Tube is heat treated to C15 to C16 on a Rockwell scale compared to C10 to C12 for that of a standard irrigation 3004-H22 aluminum tube. This is one of the reasons Dura Tube's wear rate is improved by 40% and 28% more dent resistant over conventional 3004-H22 aluminum irrigation tubing.

If a vacuum tube can resist dents to ensure good air flow as Dura Tube has proven it can, this will equal better C.F.M. and vacuum efficiency. A dented tube will restrict air flow, creating less C.F.M. and diminished vacuum efficiency.

When Dura Tube is coupled with UEMSI/HTV's orange cuffs and crowns, which are manufactured from a super-durable non-breakable polyethylene, it makes for a formidable Hydro Excavation Tube. Each non-conductive (dielectric) style cuff has a 4 - 1/4" dia. hole pattern for attachment to tubing using four supplied nuts and bolts.

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Dura Tube™ Flanged Catch Basin Tubes

Dura Tube™ has been specifically designed for industrial vacuum, sewer cleaning and the hydro excavation industry. Its durable design stands up to the everyday vacuuming of sand, pieces of broken pipe and concrete, rocks, soil, mud and organic material.

In wear and dent resistance tests, Dura Tube's performance over .072" and .090" thick 3004-H22 irrigation tubes was dramatic. Dura Tube had an increased wear resistance of 365% over .072" thick wall tubing, and a 288% increased wear resistance over .090" thick wall tubing of 3004-H22 irrigation tubing.

Its fair and safe to say Dura Tube, with its T6063T6 aluminum alloy construction, will last over twice as long as .072" or .090" wall irrigation tubing while being used in a highly abrasive environment. Dura Tube's seamless construction has a wall thickness of .110" for 8" O.D. tubing and .106" wall thickness on 6" O.D. tubing.

Dura Tube is heat treated to C15 to C16 on a Rockwell scale compared to C10 to C12 for that of a standard irrigation 3004-H22 aluminum tube. This is one of the reasons Dura Tube's wear rate is improved by 40% and 28% more dent resistant over conventional 3004-H22 aluminum irrigation tubing.

If a vacuum tube can resist dents to ensure good air flow as Dura Tube has proven it can, this will equal better C.F.M. and vacuum efficiency. A dented tube will restrict air flow, creating less C.F.M. and diminished vacuum efficiency.

6" Aluminum Catch Basin Tubes - Flange on one end / Crown on one end (6" x .106 wall Tubing Thickness)

PART # / (REFERENCE #)	SIZE
G6X24FC / (UA34766)	6" x 24"
G6X30FC / (UA34766D)	6" x 30"
G6X36FC / UA34766H)	6" x 36"
G6X48FC / (UA34766C)	6" x 48"
G6X60FC / (UA34766J)	6" x 60"
G6X72FC / (UA34766A)	6" x 72"
G6X78FC / (UA34766B)	6" x 78"
G6X90FC / (UA34766G)	6" x 90"
G6X96FC / (UA34766F)	6" x 96"
G6X120FC / (UA34766K)	6" x 120"

8" Aluminum Catch Basin Tubes - Flange on one end / Crown on one end (8" x .110 wall Tubing Thickness)

PART # / (REFERENCE #)	SIZE
G8X36FC / (UA25268G)	8" x 36"
G8X48FC / (UA25268H)	8" x 48"
G8X60FC / (UA25268C)	8" x 60"
G8X66FC / (UA25268I)	8" x 66"
G8X72FC / (UA25268D)	8" x 72"
G8X78FC / (UA25268D)	8" x 78"
G8X82FC / (UA25268P)	8" x 82"
G8X84FC / (UA25268B)	8" x 84"
G8X90FC / (UA25268E)	8" x 90"
G8X96FC / (UA25268J)	8" x 96"
G8X120FC / (UA25268C)	8" x 120"



Dura Tube™ Flanged Intake Tubes



DURA
TUBE[™]

6" Aluminum Intake Tubes - Flanged Ends (6" x .106 wall Tubing Thickness)

PART # / (REFERENCE #)	SIZE
G6X12FF / (UA34763N)	6" x 12"
G6X24FF / (UA34763L)	6" x 24"
G6X28FF / (UA34763H)	6" x 28"
G6X36FF / (UA34763D)	6" x 36"
G6X48FF / (UA34763C)	6" x 48"
G6X60FF / (UA34763A)	6" x 60"
G6X72FF / (UA34763AA)	6" x 72"
G6X84FF / (UA34763K)	6" x 84"
G6X90FF / (UA34763E)	6" x 90"
G6X96FF / (UA34763G)	6" x 96"
G6X120FF / (UA34763F)	6" x 120"
G6X144FF / (UA34763W)	6" x 144"

8" Aluminum Intake Tubes - Flanged Ends (8" x .110 wall Tubing Thickness)

PART # / (REFERENCE #)	SIZE
G8X12FF / (UA25637N)	8" x 12"
G8X18FF / (UA25637T)	8" x 18"
G8X24FF / (UA25637Q)	8" x 24"
G8X28FF / (UA25637K)	8" x 28"
G8X30FF / (UA25637B)	8" x 30"
G8X32FF / (UA25637B-32)	8" x 32"
G8X36FF / (UA25637C)	8" x 36"
G8X48FF / (UA25637M)	8" x 48"
G8X60FF / (UA25637)	8" x 60"
G8X70FF / (UA25637J)	8" x 70"
G8X72FF / (UA25637D)	8" x 72"
G8X78FF / (UA25637R)	8" x 78"
G8X82FF / (UA25637P)	8" x 82"
G8X84FF / (UA25637E)	8" x 84"
G8X90FF / (UA25637F)	8" x 90"
G8X96FF / (UA25637A)	8" x 96"
G8X120FF / (UA25637G)	8" x 120"
G8X144FF / (UA25637W)	8" x 144"



Dura Tube™ BandLock® Style Male Catch Basin Tubes

This specific line of Dura Tube™ was specifically engineered for those end-users with Super Products® and Guzzler® style vacuum trucks using the BandLock® or Ring Lock style ends.

6" Band Lock Style Male Catch Basin Tubes (Flange/Crown) (6" x .110 wall Tubing Thickness)

PART #	REFERENCE #	SIZE
G850M-6X24	S8500-00454	6" x 24"
G850M-6X36	S8500-00455	6" x 36"
G850M-6X48	S8500-00287D	6" x 48"
G850M-6X60	S8500-00287B	6" x 60"
G850M-6X72	S8500-00455A	6" x 72"
G850M-6X78	S8500-00287AA	6" x 78"
G850M-6X96	S8500-00287A	6" x 96"

8" Band Lock Style Male Catch Basin Tubes (Flange/Crown) (8" x .120 wall Tubing Thickness)

PART #	REFERENCE #	SIZE
G850M-8X24	S8500-00453	8" x 24"
G850M-8X30	S8500-00453AM	8" x 30"
G850M-8X36	S8500-00453BM	8" x 36"
G850M-8X48	S8500-00453D	8" x 48"
G850M-8X60	S8500-00453E	8" x 60"
G850M-8X72	S8500-00453F	8" x 72"
G850M-8X78	S8500-00453J	8" x 78"
G850M-8X84	S8500-00453GG	8" x 84"
G850M-8X96	S8500-00453H	8" x 96"

9" Bungee Cord Strap with "S" Hooks

Used to secure vacuum tubes in tube storage racks. Manufactured of EPDM rubber. Will not crack or lose rebound qualities. Non-brittle in temperatures as low as -40°F, and damage-resistant to sunlight. "S" hooks are zinc plated.

UEMSI/HTV PART #	SIZE
G40787	9" Bungee Cord Strap with "S" Hooks to



Dura Tube™ BandLock® Style Female Catch Basin Tubes

This specific line of Dura Tube™ was specifically engineered for those end-users with Super Products® and Guzzler® style vacuum trucks using the BandLock® or Ring Lock style ends.

6" Band Lock Style Female Catch Basin Tubes (BL Fitting/ ALU Crown) (6" x .110 wall Tubing Thickness)

PART #	REFERENCE #	SIZE
G850F-6X36		6" x 36"
G850F-6X48		6" x 48"
G850F-6X60		6" x 60"
G850F-6X72	S8510-00287C	6" x 72"
G850F-6X78	S8510-00287AB	6" x 78"

8" Band Lock Style Female Catch Basin Tubes (BL Fitting/ ALU Crown) (8" x .120 wall Tubing Thickness)

PART #	REFERENCE #	SIZE
G850F-8X48	S8500-00453DF	8" x 48"
G850F-8X60	S8500-00453EF	8" x 60"
G850F-8X72	S8500-00453FF	8" x 72"
G850F-8X78	S8500-00453JF	8" x 78"
G850F-8X84	S8500-00453G	8" x 84"
G850F-8X96	S8500-00453HF	8" x 96"



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Dura Tube™ BandLock® Style Intake Tubes with Male/Female Welded Ends

**6" Super Products Style Intake Tubes with Male/Female Welded Ends
(6" x .110 wall Tubing Thickness)**

PART #	REFERENCE #	SIZE
G8510-6X24	S8510-00285	6" x 24"
G8510-6X36	S8510-01147	6" x 36"
G8510-6X48	S8510-00286	6" x 48"
G8510-6X60	S8510-01148	6" x 60"
G8510-6X72	S8510-01148A	6" x 72"
G8510-6X84	S8510-01371	6" x 84"
G8510-6X96	S8510-00287	6" x 96"
G8510-6X120	S8510-00838	6" x 120"

**8" Super Products Style Intake Tubes with Male/Female Welded Ends
(8" x .120 wall Tubing Thickness)**

PART #	REFERENCE #	SIZE
G8510-8X24	S8510-00288	8" x 24"
G8510-8X36	S8510-01373	8" x 36"
G8510-8X48	S8510-00289	8" x 48"
G8510-8X60	S8510-01374	8" x 60"
G8510-8X72	S8510-01374A	8" x 72"
G8510-8X78	S8510-01374C	8" x 78"
G8510-8X84	S8510-1375	8" x 84"
G8510-8X90		8" x 90"
G8510-8X96	S8510-00290	8" x 96"
G8510-8X120	S8510-01376	8" x 120"



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***Dura Tube™* Welded Aluminum Flange / Orange Plastic Hydro Cuff**

PART # / (REFERENCE #)	SIZE
G6X30FHC	6" x 30"
G6X42FHC	6" x 42"
G6X54FHC	6" x 54"
G6X66FHC	6" x 66"
G6X78FHC / (G34766-78-HX)	6" x 78"
G6X84FHC / (G34766-84-HX)	6" x 84"
G6X90FHC / (G34766-90-HX)	6" x 90"
G8X30FHC	8" x 30"
G8X42FHC	8" x 42"
G8X54FHC	8" x 54"
G8X66FHC / (G25268-66-HX)	8" x 66"
G8X72FHC / (G25268-72-HX)	8" x 72"
G8X78FHC / (G25268-78-HX)	8" x 78"
G8X84FHC / (G25268-84-HX)	8" x 84"
G8X96FHC / (G25268-96-HX)	8" x 96"



***Dura Tube™* Welded Aluminum Flange / Orange Plastic Hydro Crown**

PART #	SIZE
G6X42FHK	6" x 42"
G6X54FHK	6" x 54"
G6X66FHK	6" x 66"
G6X78FHK	6" x 78"
G6X84FHK	6" x 84"
G6X90FHK	6" x 90"
G6X102FHK	6" x 102"
G8X30FHK	8" x 30"
G8X42FHK	8" x 42"
G8X66FHK	8" x 66"
G8X72FHK	8" x 72"
G8X78FHK	8" x 78"
G8X84FHK	8" x 84"
G8X96FHK	8" x 96"
G8X102FHK	8" x 102"
G8X120FHK	8" x 120"



***Dura Tube™* Welded Aluminum Flange / Blank End**

PART # / (REFERENCE #)	SIZE
G6X66-1F / (G34766-66-1F)	6" x 66"
G6X72-1F / (G34766-72-1F)	6" x 72"
G6X78-1F / (G34766-78-1F)	6" x 78"
G6X102-1F	6" x 102"
G8X66-1F / (G25268-66-1F)	8" x 66"
G8X72-1F / (G25268-72-1F)	8" x 72"
G8X78-1F / (G25268-78-1F)	8" x 78"
G8X120-1F	8" x 120"



Dura Tube™ Welded Aluminum 8" Flange to 6" Reducer / Blank End

PART # / (REFERENCE #)	SIZE
G8X6X48-1F / (UA34766C)	8" x 6" x 48"
G8X6X72-1F / (UA34763AA-1F-8)	8" x 6" x 72"
G8X6X54-1F / (UA34763K-1F-8)	8" x 6" x 54"
G8X6X66-1F / (UA34766K-1F-8)	8" x 6" x 66"



Dura Tube™ Welded Aluminum 8" Flange to 6" Reducer / Orange HDPE Hydro Cuff

PART # / (REFERENCE #)	SIZE
G8X6X30-FHX	8" x 6" x 30"
G8X6X42-FHX	8" x 6" x 42"
G8X6X54-FHX	8" x 6" x 54"
G8X6X66-FHX	8" x 6" x 66"
G8X6X72-FHX / (UA34763AAHE-8)	8" x 6" x 72"
G8X6X78-FHX	8" x 6" x 78"
G8X6X84-FHX / (UA34763KHE-8)	8" x 6" x 84"
G8X6X90-FHX	8" x 6" x 90"
G8X6X96-FHX / (UA34763GHE-8)	8" x 6" x 96"
G8X6X120-FHX	8" x 6" x 120"



Dura Tube™ Welded Aluminum 8" Flange to 6" Reducer / Orange HDPE Hydro Crown

PART # / (REFERENCE #)	SIZE
G8X6X30-FHK	8" x 6" x 30"
G8X6X42-FHK	8" x 6" x 42"
G8X6X54-FHK	8" x 6" x 54"
G8X6X66-FHK	8" x 6" x 66"
G8X6X72-FHK	8" x 6" x 72"
G8X6X78-FHK	8" x 6" x 78"
G8X6X84-FHK	8" x 6" x 84"
G8X6X90-FHK	8" x 6" x 90"
G8X6X96-FHK	8" x 6" x 96"



Dura Tube™ Welded Aluminum 8" Flanged Reducer to 6" Aluminum Tube (ALU Tube / ALU Catch Basin Crown)

PART # / (REFERENCE #)	SIZE
G8X6X60FC (UA34766J-8)	8" x 6" x 60"
G8X6X72FC (UA34766AA-8)	8" x 6" x 72"
G8X6X78FC (UA34766B-8)	8" x 6" x 78"
G8X6X96FC (UA34766F-8)	8" x 6" x 96"
G8X6X120FC (UA34766K-8)	8" x 6" x 120"



Dura Tube™ BandLock® Style Aluminum Dig Tube w/ Hydro HDPE Ends

This specific line of Dura Tube™ was specifically engineered for those end-users with Super Products® and Guzzler® style vacuum trucks using the Band Lock or Ring Lock style ends. Tubes are compatible with BandLock® style fittings.

Male RingLock Style Aluminum Dig Tube with Hydro HDPE Cuff

PART #	REFERENCE #	SIZE
G850M-6X60HXC		6" x 60" Male x HDPE Cuff
G850M-6X72HXC	S8500-00455AHE	6" x 72" Male x HDPE Cuff
G850M-6X78HXC		6" x 78" Male x HDPE Cuff
G850M-6X84HXC	S8500-00455BHE	6" x 84" Male x HDPE Cuff
G850M-6X120HXC	S8500-00455FHE	6" x 120" Male x HDPE Cuff
G850M-8X72HXC	S8510-01374AHE	8" x 72" Male x HDPE Cuff
G850M-8X84HXC	S8510-0453GGHE	8" x 84" Male x HDPE Cuff



Male RingLock Style Aluminum Dig Tube with Hydro HDPE Crown

PART #	SIZE
G850M-6X72HXK	6" x 72" Male x HDPE Crown
G850M-6X78HXK	6" x 78" Male x HDPE Crown
G850M-6X84HXK	6" x 84" Male x HDPE Crown
G850M-6X120HXK	6" x 120" Male x HDPE Crown
G850M-8X72HXK	8" x 72" Male x HDPE Crown
G850M-8X84HXK	8" x 84" Male x HDPE Crown



8" Male Reduced to 6" RingLock Style Aluminum Dig Tube w/Hydro HDPE Cuff

PART #	SIZE
G850M-8X6X72HXC	8" to 6" x 72" Male RingLock x HDPE Cuff
G850M-8X6X78HXC	8" to 6" x 78" Male RingLock x HDPE Cuff



HDPE Hydro Excavation Tubes

UEMSI/HTV is pleased to announce a new line of polyethylene (HDPE) hydro excavation dig and vacuum tubes to our already tube-tastic lineup. These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures.

HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing. Currently, UEMSI/HTV's offering of HDPE tubing is available with flange or BandLock®/ Ringlock style connection ends as well as flanged ends for general dig tube applications. For ease of use, UEMSI/HTV's HDPE tube cuffs are removable via fasteners.



HDPE Extension Tube with Flat Flanges - 72"

These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures. HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing.

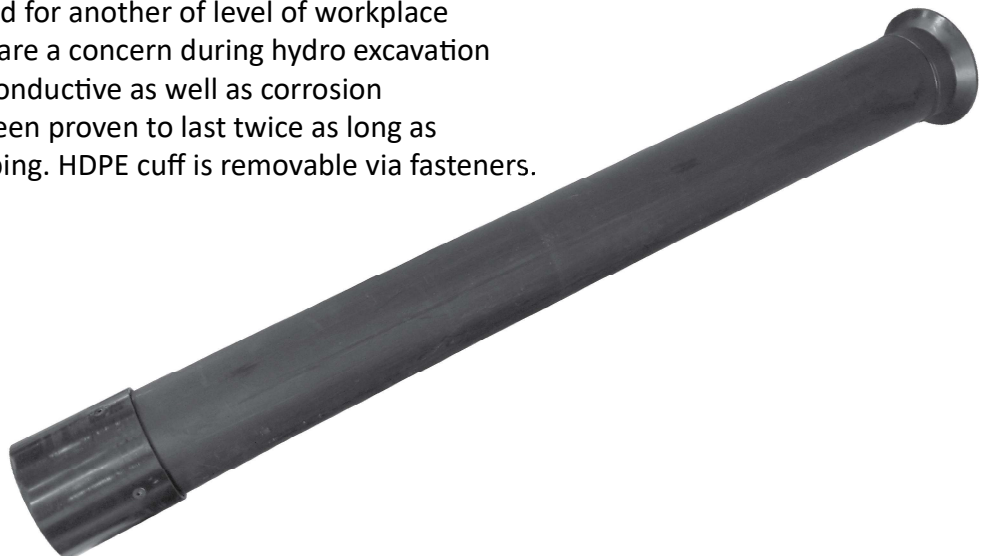
UEMSI/HTV P/N	SIZE
GHP6X72FF	6" x 72"
GHP8X72FF	8" x 72"



HDPE Dig Tube with Flat Flange/Cuff - 78"

These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures. HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing. HDPE cuff is removable via fasteners.

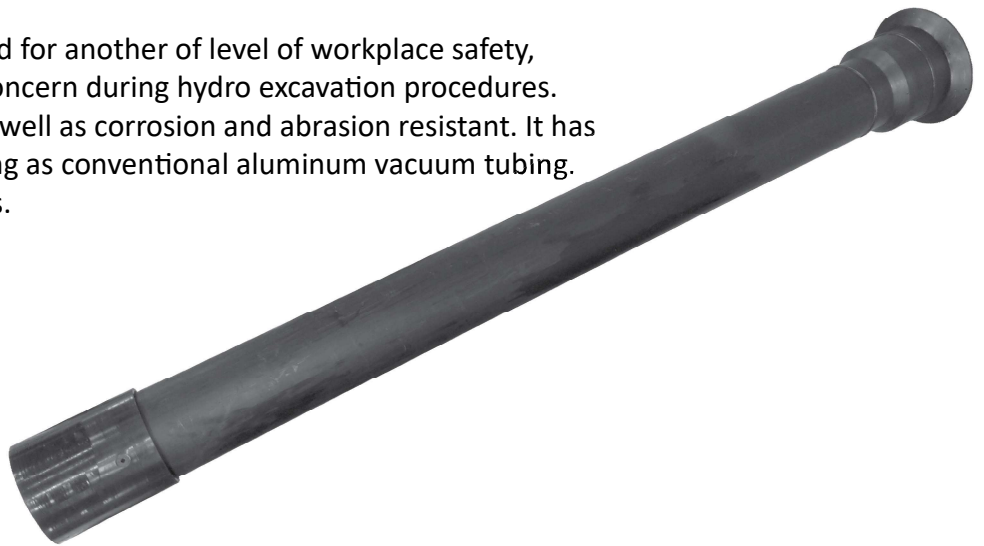
UEMSI/HTV P/N	SIZE
GHP6X78FHX	6" x 78"
GHP8X78FHX	8" x 78"



HDPE 8" to 6" Dig Tube with Flat Flange/Cuff - 78"

These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures. HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing. HDPE cuff is removable via fasteners.

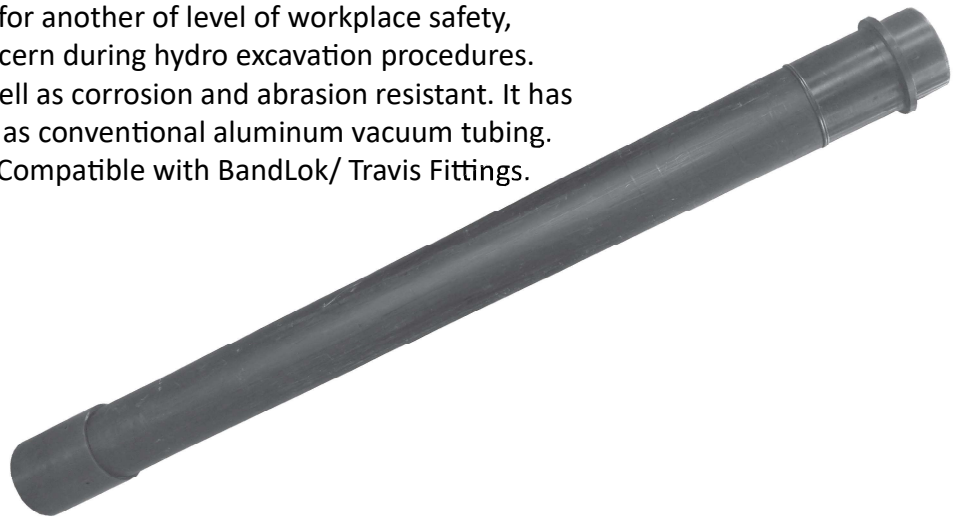
UEMSI/HTV P/N: GHP8-6X78FHX



HDPE Male BandLock® Style Dig Tube w/Cuff - 78"

These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures. HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing. HDPE cuff is removable via fasteners. Compatible with BandLok/ Travis Fittings.

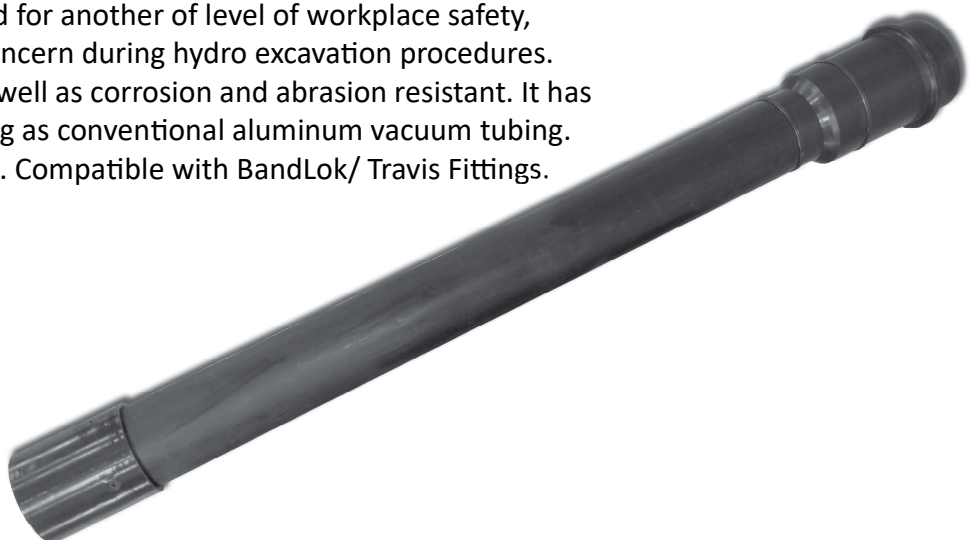
UEMSI/HTV P/N	Size
GHP6X78BMHX	6" x 78"
GHP8X78BMHX	8" x 78"



HDPE 8" BandLock® Style Reduced to 6" Dig Tube w/Cuff - 78"

These dielectric tubes were designed for another level of workplace safety, where underground utilities are a concern during hydro excavation procedures. HDPE material is non-conductive as well as corrosion and abrasion resistant. It has also been proven to last twice as long as conventional aluminum vacuum tubing. HDPE cuff is removable via fasteners. Compatible with BandLok/ Travis Fittings.

UEMSI/HTV P/N: GHP8-6X78BMHX



70° Boom Elbow

UEMSI/HTV's all-new 70° Boom Elbow is 3/16" wall thickness, which is the standard OEM thickness used on Vactor® style vacuum trucks. This 70° Boom Elbow is manufactured with all the reinforcement truss and light kit brackets already welded in-place, should your application require them. It truly is the all-in-one 70° Boom Elbow.

Our elbows are powder painted black inside-and-out and are ready to go into service today on your Vactor® equipment.

UEMSI/HTV P/N	DESCRIPTION
G27771	70° Boom Elbow
G27771SP	70° Boom Elbow w/Light Bracket



Heavy Duty 8" Slotted Flange Reducer to 4" Male Cam Lock Air Valve and Breather

This funky looking reducer allows air to be introduced to the vacuum process. Liquids and slurries can be vacuumed more efficiently with just the right amount of air, so 'hiccuping' is minimized.

UEMSI/HTV PART #	SIZE
GFS8X4ACLAR	8" Flange to 4" Male Cam Lock Air Relief Valve

Inlet Weldments

Inlet Weldment for Vactor® 2100 Series

Manufactured to OEM exacting specifications. However, the steel weldment shank is stouter for added service life. The complete part is industrial powder painted black.

PART #	DESCRIPTION
G62222	Inlet Weldment for Vactor® 2100 Series



14" x 15" Inlet Seal Assembly for Vactor 2100 Series

OEM Inlet Seal Assemblies are assembled using P/N 62987 Inlet Gasket that needs to be hand-formed onto P/N G62232 Inlet Gasket Frame and the gasket then has to be glued together, which is a time-consuming ordeal. Not to mention the fact that the gasket glue seams have been known to break open, causing vacuum leakage.

For the rugged conditions out in the work field, UEMSI/HTV Inlet Seal Assemblies are completely molded and bonded to the inlet gasket frame, containing all 8 protruding attachment pins. This allows for an easy installation onto the inlet weldment assembly. All attachment nuts and washers are included with seal.

PART #	DESCRIPTION
G49654-SP	14" x 15" Inlet Seal for Vactor 2100 Series



Inlet Weldment Assembly with Inlet Seal Assembly

UEMSI/HTV's Inlet Weldment Assembly (P/N G62222) joined with the Inlet Seal Assembly (P/N G49654-SP) as a complete unit. All nuts and washers included and installed on finished product.

PART #	DESCRIPTION
G62222M	2100 Series Inlet Weldment with Seal Assembly 14" x 15"



Bolt and Clamp-on Flanged Reducers

UEMSI's lineup of flanged reducers are used for attaching vacuum tubing or vacuum hoses of two different diameters together. The aluminum flange reducers are fastened by clamps, whereas steel reducers can be either clamped or bolted together with opposing flanges.

Heavy Duty Aluminum Flange Reducers - Clamp Style

PART #	SIZE
GFA8X6C	8" to 6" Aluminum Clamp Style Flanged Reducer
GFA8X4C	8" to 4" Aluminum Clamp Style Flanged Reducer
GFA6x4C	6" to 4" Aluminum Clamp Style Flanged Reducer



Heavy Duty Steel Slotted Transition Flanged Reducers

PART # / (REFERENCE #)	SIZE
GFS8X6C / (35096)	8" to 6" Steel Slotted Flanged Reducer
GFS8X4C	8" to 4" Steel Slotted Flanged Reducer
GFS6X4C	6" to 4" Steel Slotted Flanged Reducer



Heavy Duty Steel Slotted Transition Plate Flanged Adapter

Ideal for reducing 8" to 6" flanges using clamps or bolts in a tight, restricted area.

PART # / (REFERENCE #)	SIZE
GFS8X6P / (34615 or 800-0647)	Steel Slotted 8" to 6" Flanged Adapter Plate



Rubber Flange Gaskets

UEMSI/HTV is pleased to present its all-new Vactor® style rubber flange gaskets. Previously, UEMSI/HTV only offered the four-hole, four-button style single gasket from 1989-2015, but was quick to change this with the 8-hole style flange gasket going forward in 2018. This offering came about due to customer feedback and needs, something our staff is always willing to listen and respond to.

UEMSI/HTV PART #	DESCRIPTION
G26861	6" Flange Gasket 6 Hole
G16585-4	8" Flange Gasket 4 Hole / 4 Buttons
G16585-8	8" Flange Gasket 8 Hole



Hose End Weldments

Vector® and Vac-Con® style steel hose end weldment, used to connect cuffed debris hose to a combo truck, as well as accessories such as vacuum tubing. Weldment has eight slotted holes for easy alignment and attachment.

UEMSI/HTV uses a more robust heavy duty flange for added strength End Weldments are of steel construction and are powder-painted black in color.

UEMSI/HTV PART #	DESCRIPTION
G53348	6" Hose End Weldment (6 Slots)
G58795JD	8" Hose End Weldment (8 Slots)
G58795-CAP	8" Weldment Cap w/Gasket



NEW

G58795-CAP

Sleeved Hose End Weldment

Vector® and Vac-Con® style heavy duty inner-sleeved hose end weldment provides better hose and tube alignment while providing less vacuum debris wear to the seam area, where the weldment and tube come together, thus allowing a better air seal.

UEMSI/HTV PART #	DESCRIPTION
G58795F	8" Sleeved Hose End Weldment



"The Shorty"

Aluminum Heavy Duty Flange to Aluminum Reducer Crown Adapter

This special short reducer adapter catch basin nozzle is used to vacuum shallow manholes and catch basins that may be offset or hard to access. Developed using UEMSI/HTV's legendary research and development processes, "The Shorty" is available in three configurations and showcases the same rigidity as the Dura Tube lineup.

UEMSI/HTV PART #	SIZE
GFA6X4ACR	6" Aluminum Flange to a 4" Reducer Crown Adapter
GFA8X4ACR	8" Aluminum Flange to a 4" Reducer Crown Adapter
GFA8X6ACR	8" Aluminum Flange to a 6" Reducer Crown Adapter



Vector® is a registered trademark of Federal Signal Corporation
 Vac-Con® is a registered trademark of Holden Industries, Inc.

Heavy Duty Steel Slotted Flange Reducer to Barbed Hose Shank Weldment

For use on 8" hose end weldments or flanged 8" vacuum tube. It reduces the 8" vacuum connection to a heavy duty barbed hose shank to provide a positive connection when the hose is clamped to it. Designed for rough use conditions.

PART #	SIZE
GFS6X4HS	6" Steel Slotted Flange Reducer to 4" Heavy Duty Barbed Hose Shank Weldment
GFS8X4HS	8" Steel Slotted Flange Reducer to 4" Heavy Duty Barbed Hose Shank Weldment
GFS8X6HS	8" Steel Slotted Flange Reducer to 6" Heavy Duty Barbed Hose Shank Weldment



Heavy Duty Slotted Steel Flange to Male NPT Transition Adapters and Transition Reducers

This adapter aids in vacuuming slurries and liquids from piping or an NPT connection fitting on hose. This NPT flanged transition adapter is available in five different variations.

PART #	SIZE
GFS4X4MNPT	4" Steel Slotted Flange Transition to a 4" MNPT Fitting Adapter
GFS6X4MNPT	6" Steel Slotted Flange Transition to a 4" MNPT Fitting Adapter
GFS6X6MNPT	6" Steel Slotted Flange Transition to a 6" MNPT Fitting Adapter
GFS8X4MNPT	8" Steel Slotted Flange Transition to a 4" MNPT Fitting Adapter
GFS8X6MNPT	8" Steel Slotted Flange Transition to a 6" MNPT Fitting Adapter
GFS8X8MNPT	8" Steel Slotted Flange Transition to a 8" MNPT Fitting Adapter



Heavy Duty Steel Slotted Flange to Heavy Duty Barbed Hose Shank

These heavy duty hose shanks are used for extreme cases where connected debris hose or vacuum tubing is hung off a roof when vacuuming gravel, hydro-excavating, or in the case of a hose being pulled around a construction site where extra hose fitting grip is essential when both fitting and hose are clamped together.

PART #	SIZE
GFS4X4HS	4" Steel Holed Flange to 4" Heavy Duty Barbed Shank
GFS6X6HS	6" Steel Slotted Flange to 6" Heavy Duty Barbed Shank
GFS8X8HS	8" Steel Slotted Flange to 8" Heavy Duty Barbed Shank



Aluminum Vacuum Tube Crowns and Cuffs

Aluminum Heavy Duty Weld-On Cast Flanges

UEMSI/HTV PART #	SIZE
G40011B	6" Aluminum Flange
G40011A	8" Aluminum Flange w/ Built In Leveling Lip



Aluminum Weld-On 8" Flange to 6" Aluminum Tube Adapter

UEMSI/HTV PART #	SIZE
G40011C	8" Aluminum Flange to 6" Tube Adapter



Aluminum Weld-On Serrated Suction Nozzle Crown

UEMSI/HTV PART #	SIZE
GA34764	4" Aluminum Crown
GA34767	6" Aluminum Crown
GA23788	8" Aluminum Crown



Orange Polyethylene Hydro X Cuffs and Vacuum Tube Crowns & Adapters

UEMSI/HTV's Poly flanges, cuffs and crowns are manufactured from a super-durable non-breakable polyethylene. Each non-conductive (dielectric) style cuff has a 4 - 1/4" dia. hole pattern for attachment to tubing using four supplied T-nuts and bolts.

Polyethylene (White) Bolt-On Flanges

UEMSI/HTV PART #	SIZE
G40011-6P	6" Poly Flange to 6" Tube



Polyethylene (Orange) Cuffs

UEMSI/HTV PART #	SIZE
HX6X8-A	6" Poly Cuff
HX8X8-A	8" Poly Cuff



Polyethylene (Orange) Crowns

UEMSI/HTV PART #	SIZE
HX6X8C-A	6" Poly Crown
HX8X8C-A	8" Poly Crown



Polyethylene (Orange) 8" Flange to 6" Tube Adapter

UEMSI/HTV PART #	SIZE
GHP8-6R	8" Poly Flange to 6" Tube Adapter



King Clamps

The UEMSI/HTV King Clamp can be used on all vacuum machines with cuffed rubber debris hose to secure and seal the hose cuff to hose end weldments.

The UEMSI/HTV King Clamp offers best clamp-to-hose contact circle in the industry and is malleable enough not to break when being tightened.

UEMSI/HTV PART #	DESCRIPTION
G42592	4" King Clamp
G42593	6" King Clamp
G42594	8" King Clamp



Power Clamps

The UEMSI/HTV Power Clamp is used to secure and seal Kanaflex® style hose onto steel hose end weldments.

UEMSI/HTV PART #	DESCRIPTION
G43389	4" Power Clamp
G43415	6" Power Clamp
G43388	8" Power Clamp



Kanaflex® is a registered trademark of Kanaflex Corporation Co.,Ltd.
BandLock® is a registered trademark of Amesbury Group
Guzzler® is a registered trademark of Federal Signal Corporation
Super Products® is a registered trademark of Alamo Group

UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

W209 N17391 Industrial Drive - Jackson, Wisconsin 53037

Corporate Office: 877.389.9999 / 262.665.1980

Fax: 262.665.1990 / Website: www.uemsi.com / E-mail: info@uemsihtv.com

Quick Clamps

The UEMSI/HTV Quick Clamps are used to secure Vactor® and Vac-Con® flange-style tubes, have been designed with a trim-line handle in both 'U' and 'V' style clamps.

This feature enables the handle to hug the body of the clamp when it is drawn over center to tighten the clamp over the vacuum tube flanges.

The design greatly decreases the chances of the handle getting caught on clothing, equipment and or even manhole lids or stairs versus a standard style clamp handle, which sticks out from the clamp's outer profile. The result is a safer and more efficient clamp for use in the field.

UEMSI/ HTV PART #	DESCRIPTION
G32087	6" Vactor® / Vac-Con® Style Quick Clamp
G32087-7	7" Vactor® Style Quick Clamp for Rapid Deployment Boom Hose Flange (RDB)
G16584	8" Vactor® Style Quick Clamp
G680-0015	8" Vac-Con® Style Quick Clamp
G16584-Hook	8" Replacement Hook for G16584
G680-0015-Hook	6" and 8" Replacement Hook for G32087 and G680-0015
G32087-7-Hook	7" Replacement Hook for G32087-7 (RDB) Hose Flange

G680-0015-Hook



G16584-Hook



G32087, G32087-7and
G680-0015 Style



G32087-7-Hook



G16584

Vactor® is a registered trademark of Federal Signal Corporation
Vac-Con® is a registered trademark of Holden Industries, Inc.

Stainless Steel Float Balls

UEMSI/HTV PART #	DESCRIPTION
G7300-01935	6" stainless steel float ball for tank fluid/debris level indicator and vacuum fill breaker on Super Products® type machines as vacuum breaker in a vacuum debris tank. Also Guzzler® P/N 1320456. (Photo B)
G45113	6" stainless steel float ball with 1/2" bore tube used on Vactor® and Vac-Con® machines. Connects onto a slide rod to monitor debris tank capacity. Vac-Con® P/N 690-0745. (Photo A)
G3000-01395	8" stainless steel float ball used on Super Products® type machines as a vacuum breaker in the debris tank. (Photo B)
G3000-01406	9" stainless steel float ball used on Super Products® and Guzzler® type machines as a vacuum breaker in the debris tank. Guzzler® P/N 1320849. (Photo B)
G44388	10" stainless steel float ball used on Vactor® and Vac-Con® type machines as a vacuum breaker in the debris tank. Vac-Con® P/N 690-1136. (Photo B)
G44388A	12" stainless steel float ball used on Vactor® and Guzzler® type machines as a vacuum breaker in the debris tank. Guzzler® P/N 1320383. (Photo B)
G44478	14" stainless steel float ball used on Vactor® and Vac-Con® type machines as a vacuum breaker in the debris tank. Vac-Con® P/N 690-0746. (Photo B)



Photo A



Photo B

Guzzler® is a registered trademark of Federal Signal Corporation
 Vactor® is a registered trademark of Federal Signal Corporation
 Vac-Con® is a registered trademark of Holden Industries, Inc.
 Super Products® is a registered trademark of Alamo Group

Float Ball Cages

Vactor® style float ball cages are manufactured to exacting specifications as OEM units and are powder-painted black.

When ordering either float ball cage unit, note that they are not truck model type specific. It appears that it comes down to what part number cage was specified per chassis build. What we do know is G633715K is more widely used and the G63715F was typically used on units with small debris tanks.

UEMSI/HTV P/N #	Description
G63715F	10" Float Ball Cage (Round Base)
G63715K	10" Float Ball Cage (Square Base)



High-Temp 220°F

180-HR Style Vacuum Truck Hose (Roll Lengths)

EPDM Rubber Hose with Integrated Solid Wire w/a Polyethylene Helix

Manufactured for Higher-Temp Materials

APPLICATION

- Roof vacuum hose (gravel, stone)
- Fly ash collection (warm) 220°F max
- Vacuum truck hose
- Best hose when vacuuming dry substances (sand, stone)

FEATURES

- Higher temperature heavy-duty suction hose
- Metal helical wire for grounding
- Convoluted construction for increased flexibility
- Metal helical wire aids in deformation at higher temperatures with suction applications
- Polyethylene helix on his O.D. also deduces drag when moving hose on job site
- Operational temperature range -30°F to 220°F

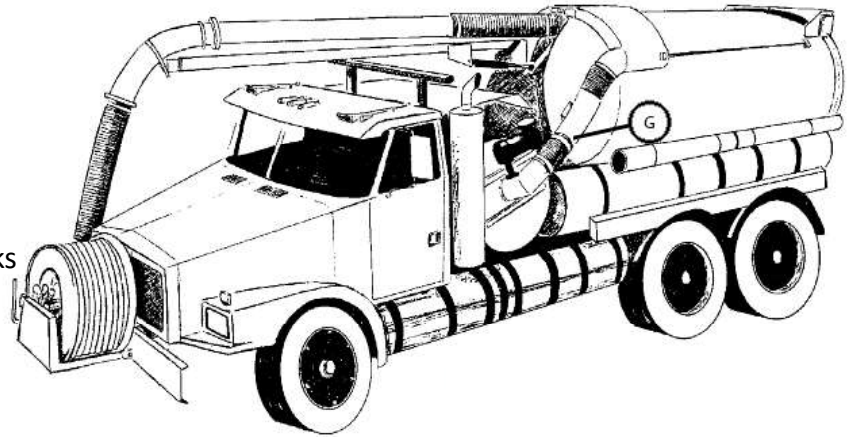
180-HR Style Vacuum Hose - w/Metal Wire Helix

UEMSI/HTV PART # / (REFERENCE #)	DESCRIPTION
PEHR4100R	4" x 100' Roll Length
PEHR650R	6" x 50' Roll Length
PEHR6100R (43323-HD)	6" x 100' Roll Length
PEHR850R (437160HD)	8" x 50' Roll Length



UEMSI/HTV
PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

10" Connection Suction Hose



Suction Hose Used on Vector 2100 series trucks to connect system vacuum components. (G)

UEMSI/HTV P/N #	Size
G47394-Bulk	10" x Per/FT
G47394	10" x 10"
G47394F	10" x 16"
G47394G	10" x 25"
G47394Q	10" x 28"
G47394D	10" x 36"
G47394L	10" x 48"
G47394E	10" x 78"

G704HA Series Corrugated Industrial Grade Debris Vacuum Hose

The Boomer Industrial Grade Debris Vacuum Hose is used for material handling suction/discharge. Great for dry or wet abrasive materials, this hose is popular in the vacuum truck industry where a rugged and durable hose is needed.



Service Temperature: -40°F (-40°C) to 212°F (+100°C)

Maximum Working Pressure: 150 PSI

Vacuum HG: 30 in

Technical Specs: Static wire, when grounded dissipates static electricity. 1/4" gum rubber tube with SBR/NR Blend Cover

- Cut to needed length (hose does not use cuffs)
- Material handling suction/discharge hose.
- Industrial vacuum equipment applications.
- Great hose for dry or wet abrasive materials.
- Popular hose for vacuum truck industry where a rugged and durable hose product is needed.
- Drill cutting suction hose in mobile drilling rigs.

UEMSI/HTV P/N #	Size	ID	OD
G704HA600X50	6" x 50'	6"	7.04"
G704HA600X100	6" x 100'	6"	7.04"
G704HA800X35	8" x 35'	8"	9"
G704HA800X50	8" x 50'	8"	9"
G704HA800X100	8" x 100'	8"	9"

UEMSI/HTV
PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

Heavy Duty Industrial Grade Debris and Boom Hose

Over the past two years, UEMSI/HTV has co-developed and field tested a new line of industrial grade debris and boom hose.

To put things into perspective, the industry standard debris hose inner tube liner has been 1/8" thickness. A tube liner of 3/16" thickness is classified heavy duty, and a 1/4" thickness is classified extra heavy duty. UEMSI/HTV's new expanding line of debris hose is manufactured with an inner tube liner with both 3/16" and also 1/4" wall- for the price of an 1/8" thick hose liner.

The UEMSI/HTV line of debris and boom hose feature the following characteristics:

Hose Cover: Weather, ozone and abrasion resistant SBR rubber. Also great aging-stability characteristics.

Hose Carcass Make Up: One-ply high tensile spun polyester woven fabric. Specially designed features utilizing and encapsulating a dual high-tensile steel wire helix for superior hose flexibility and reinforcement properties.

Inner Tube: Hoses are manufactured with either 3/16" Heavy Duty or 1/4" Extra Heavy Duty NR/SBR rubber. This provides a static dispensing, abrasion resistant smooth bore debris hose, for enhanced material flow. This construction maximizes superior flexibility, durability and product longevity.

Ends: Each hose end has 4 1/2" long molded soft cuff for easy insertion and sealing of metal hose connectors before clamping.

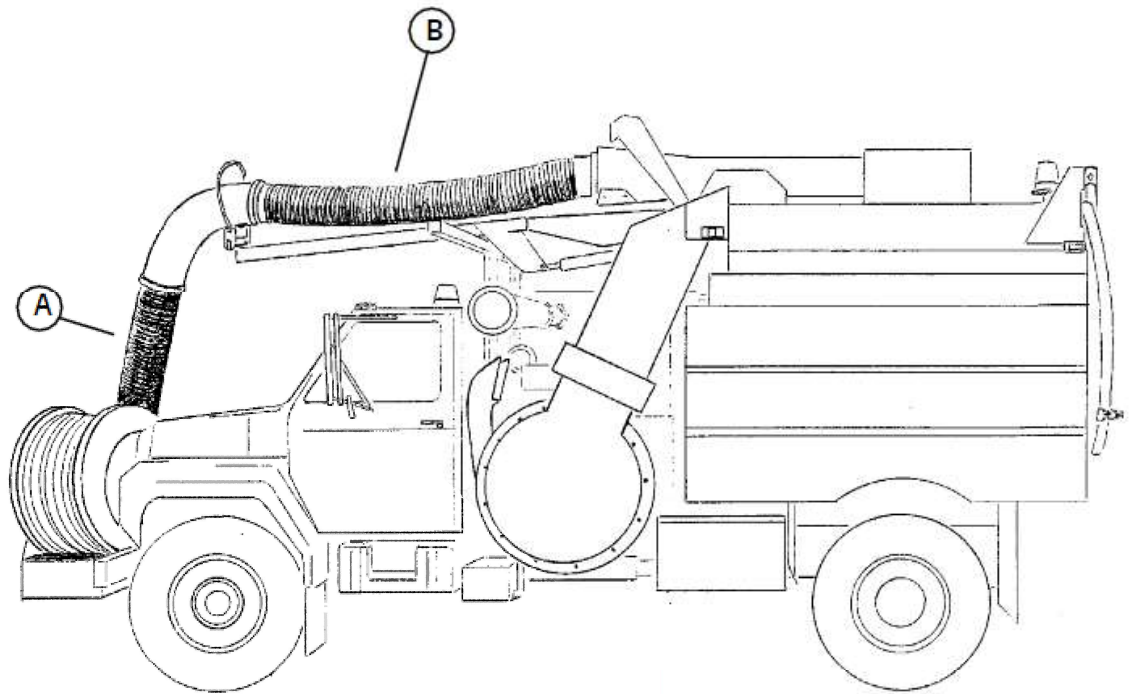
Temperature Range: - 40° F to 212° F

Vacuum HG: 29 - **HIGHEST IN INDUSTRY**

Hose Sizing	Inside Dia.	Outside Dia.
6"	6.00"	6.74"
8"	8.00"	8.80"



UEMSI/HTV
PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

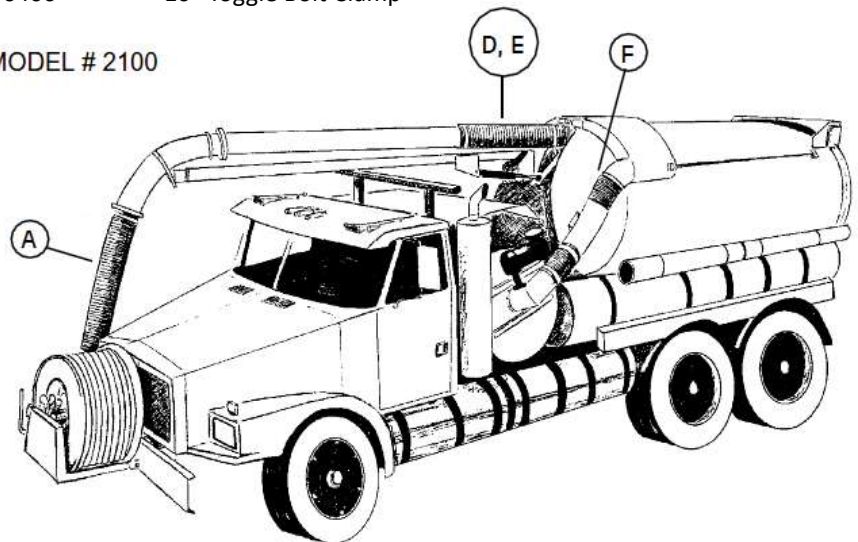


Heavy Duty Industrial Grade Debris and Boom Hose

UEMSI/HTV P/N #	Alt P/N	Description	Size	Letter
G44155HD	G1280404	3/16" Wall Cuffed Debris Hose	6" x 120"	B
G70404EHD		3/16" Wall Cuffed Debris Hose	8" x 34"	
G70404MHD		3/16" Wall Cuffed Debris Hose	8" x 37"	
G46564MHD	46564M	3/16" Wall Cuffed Debris Hose	8" x 56"	B
G42595HD		3/16" Wall Cuffed Debris Hose	8" x 60"	A
G46564HD	U46564A	3/16" Wall Cuffed Debris Hose	8" x 62"	B
G46564XHD	U46564B	1/4" Wall Cuffed Debris Hose	8" x 62"	B
G43957HD	V681-0051	3/16" Wall Cuffed Debris Hose	8" x 66"	A
G46564JHD	U46564N	3/16" Wall Cuffed Debris Hose	8" x 74"	B
G43959HD	V681-0052	3/16" Wall Cuffed Debris Hose	8" x 102"	B
G43958HD	V681-0053	3/16" Wall Cuffed Debris Hose	8" x 127"	B
G43958B	43958B	3/16" Wall Cuffed Debris Hose	8" x 150"	A
G49236B	49236B	3/16" Wall Cuffed Debris Hose	10" x 55"	B
G45716HD	U45716	10" Compression Joint		F
G70406	U70406	10" Toggle Bolt Clamp		



MODEL # 2100



The 10" Compression Joint (F) and 10" Toggle Bolt Clamp used on Vactor® 2100-style equipment.

"D" Style Rear Door Gasket

UEMSI/HTV's "D" gasket is manufactured to exacting specifications to fit Vactor® type combo trucks. Available in 14 lengths and engineered to be just a bit softer than the original OEM door gasket. This makes a better seal, especially in temperatures below freezing, when harder rubber gaskets can't easily compress, causing leakage.

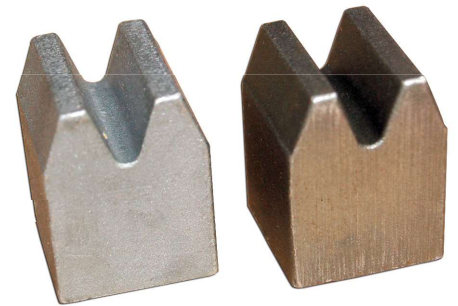


UEMSI/HTV PART #	DESCRIPTION	WEIGHT
G35594N	40" "D" Style Door Gasket	5 lbs.
G35594C	64" "D" Style Door Gasket	8 lbs.
G35594A	70" "D" Style Door Gasket	9 lbs.
G35594B	88" "D" Style Door Gasket	11 lbs.
G35594K	91" "D" Style Door Gasket	11 lbs.
G35594O	168" "D" Style Door Gasket	22 lbs.
G35594M	196" "D" Style Door Gasket	25 lbs.
G35594G	230" "D" Style Door Gasket	29 lbs.
G35594	255" "D" Style Door Gasket	30 lbs.
G35594L	258" "D" Style Door Gasket	33 lbs.
G35594F	325" "D" Style Door Gasket	39 lbs.
G35594H	360" "D" Style Door Gasket	46 lbs.
G35594I	384" "D" Style Door Gasket	47 lbs.
G35594-Bulk	110' Roll "D" Style Door Gasket	118 lbs.

Vactor® is a registered trademark of Federal Signal Corporation

Stop Block Tooth

UEMSI/HTV's stop block tooth components have been precision manufactured to meet the application demands of restricting a Vactor® machine's front hose reel from rotating. Stop block teeth mesh perfectly into front reel hose bearing ring gears.



UEMSI/HTV PART #	DESCRIPTION	ATTACHMENT HOLE
G61297	Stop Block Tooth	Center
G61297D	Stop Block Tooth	Offset

Rotating Front Hose Reel Bearing

This front hose reel bearing fits Vactor® style sewer cleaning combo trucks and is precision manufactured to meet the everyday demands of this application. This UEMS/HTV product is an exact replacement part.



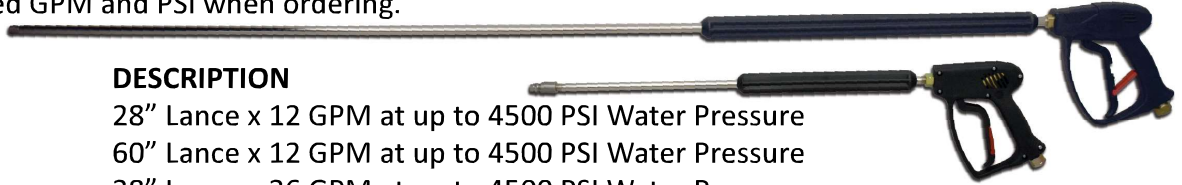
UEMSI/HTV PART #	DESCRIPTION	WEIGHT
G45548H	Rotating Front Hose Reel Bearing	60 lbs.

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Universal Washdown Guns

Over the years, we at UEMSI/HTV have been asked for an economical washdown gun with some versatility in terms of lance length and GPM. We gladly complied.

Both the 28" and 60" lances are available with lances in this series washdown gun. A 1/4" Meg Fan Jet is standard and a hole jet is optional in each GPM. Each gun can be ordered in a 12 GPM or 26 GPM configuration. Each gun is equipped with a 1/2" Male NPT x 1/2" Female NPT Swivel for easy washdown hose hook up. State Desired GPM and PSI when ordering.



UEMSI/HTV PART #	DESCRIPTION
G357-28-12	28" Lance x 12 GPM at up to 4500 PSI Water Pressure
G357-60-12	60" Lance x 12 GPM at up to 4500 PSI Water Pressure
G357-28-26	28" Lance x 26 GPM at up to 4500 PSI Water Pressure
G357-60-26	60" Lance x 26 GPM at up to 4500 PSI Water Pressure

UEMSI/HTV's G45109 washdown gun has been a staple in the sewer cleaning and jetvac industry for nearly 30 years. It has a on-off trigger lever, which is complimented with a handle support lever to ease control of the water volume exerted via the gun.

The G45109 is equipped with an 1/2" NPT male swivel joint for 1/2" washdown hose attachment. A 1/2" FNPT x 1/2" FNPT is also supplied in the event a washdown hose has a male coupler.



G45109

UEMSI/HTV PART #	DESCRIPTION
G45109	Heavy Duty 25 GPM (@ 850 PSI) w/ 1/2" NPT Male Swivel Connection (Female NPT Adapter Coupler Also Included)

Hydro Excavation Washdown Hose Quick Disconnect Couplers

These stainless steel straight-through female couplers and male disconnect fittings are manufactured to exacting specifications and are interchangeable with Dixon's E-Series couplers.

These couplers and fittings are widely used on hydro-excavation washdown hoses and guns Made from 303 Stainless Steel, with an operating pressure of 3,000 psi and burst pressure of 12,000 psi.

Used on 1/2"-14 thread for hose fitting connections, and use the locking sleeve design for safety and working efficiency. Hoses will not randomly disconnect.

Yet another product UEMSI/HTV product that is quality, compatible and competitively priced.



G20188L

G20188M

G20188N

UEMSI/HTV PART #	DESCRIPTION
G20188L	1/2" Stainless Steel Disconnect w/ Locking Sleeve
G20188M	1/2" Stainless Steel Male x Female Threaded Coupling
G20188N	1/2" Stainless Steel Male x Male Threaded Coupling

Washdown Guns, Spray Guns and Vertical Guns

UEMSI/HTV PART # DESCRIPTION

ST601



This gun has a 1/4" FNPT outlet and a 3/8" FNPT inlet. It is used in a vertical position for hydro excavation work. Its output is up to 12 GPM at 4000 PSI. Color: Black



G500619F

This is the ST601 gun with the UEMSI/HTV P/N G20188L 1/2" S.S. Quick Disconnect Fittings with locking sleeves. The complete assembly is ready to be put into service for attachment to a washdown hose and lance assembly.



SA3240



This gun has a 1/2" FNPT outlet and a 1/2" FNPT inlet. It is used in a vertical position for hydro excavation work. Its output is up to 3200 PSI at 16 GPM and can withstand temperatures of up to 300°F. Color: Orange



G500619-ORANGE

This is the SA3240 gun with the UEMSI/HTV P/N G20188L 1/2" S.S. Quick Disconnect Fittings with locking sleeves. The complete assembly is ready to be put into service for attachment to a washdown hose and lance assembly.



ST3240



This industrial-grade gun has a 1/2" FNPT outlet and inlet port. It is rated for 32 GPM at up to 4500 PSI. The internals of this gun are manufactured from stainless steel to extend service life. Designed to be used in the vertical position for hydro excavation, and also has a built-in safety-lock that is activated with your thumb, locking the trigger from accidental activation. Color: Red. **Note: UEMSI/HTV can install the P/N G20188L S.S. Quick Disconnect Fittings to this gun for the cost of the parts.**



G357.001



This gun is currently used on some of our G357-line of washdown gun and lance assemblies. This gun has a 3/8" FNPT inlet and a 1/4" FNPT outlet. It is rated at 10.5 GPM at up to 5000 PSI with a max temperature of 300°F. This gun, like the ST3240, has a trigger safety lock.



G357.006



This high performance industrial-grade washdown gun has a 3/4" FNPT inlet and a 1/2" FNPT outlet. Its internals are S.S. for extended service. It is rated for 53 GPM at up to 3200 PSI with a max temp rating of 210°F. This gun also has a trigger safety lock.



Hydro X Lances

UEMSI/HTV carries both aluminum SCH 80 and steel nickel plated SCH 40 1/2" hydro excavation lances to which the user can add a male and female quick disconnect fitting. These lances can then be easily attached to a wash down gun.

SPECIFICATIONS FOR BOTH STEEL AND ALUMINUM LANCES



- Inlet 1/2" NPT Connection
- Outlet 1/2" NPT Connection
- Pressure Rated at 4000 PSI
- Temp Rated at 300° F
- Finished Nickel plating on steel (not aluminum)

Aluminum SCH 80 - 1/2" NPT Lances

P/N	Length
7122003	36"
7122004	48"
7122005	60"
7122006	72"

Steel SCH 40 - 1/2" NPT Lances - Nickel Plated

P/N	Length
7121003	36"
7121004	48"
7121005	60"
7121006	72"



Hydro X Lance Handles

These lance side handles are used on the washdown lance shaft to give the operator better leverage and control of the washdown gun and lance assembly when performing manhole cleaning or hydro excavation operations. Side handles include a molded rubber handle for a sure grip, and are adjustable via turning the handle to reposition on lance shaft.

UEMSI/HTV PART #	DESCRIPTION
G357.004	Lance Handle for 1/4" Lance
G357-005	Lance Handle for 1/2" Lance



UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

W209 N17391 Industrial Drive - Jackson, Wisconsin 53037

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Fax: 262.665.1990 / Website: www.uemsi.com / E-mail: info@uemsihtv.com

Hydro X Static Nozzles

The Red Series Hydro X Static Nozzle contains four stationary forward-facing nozzle jets. One jet at 0° pointing straight forward and three triangular-positioned jets at 15° relative to the center jet. This allows for effective soil erosion in areas with access issues.

The nozzle body is manufactured from hardened stainless steel and has a durable poly-molded cover to protect the nozzle jets from dirt and mud.

SPECIFICATIONS

- 1/2" FNPT Connection
- Rated at 4000 PSI
- Temp Rated at 212°F
- Weight: 0.25 lbs.



P/N	Nozzle Size	GPM @ 725 PSI	GPM @ 1450 PSI	GPM @ 2175 PSI	GPM @ 2900 PSI	GPM @ 3625 PSI
20045	4.5	1.95	2.7	3.3	3.9	4.3
20060	6.0	2.6	3.6	4.5	5.1	5.8
20080	8.0	3.4	4.8	5.9	6.9	7.7
20100	10.0	4.3	6.0	7.4	8.6	9.6
20120	12.0	5.1	7.2	8.9	10.3	11.6

Other nozzle sizes available upon request.



Front



Side



Back

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Hydro X Turbo Nozzles

The Red Series Hydro X Turbo Nozzle is engineered with a rotating spray angle to efficiently tear and erode soil effectively during hydro excavation operations.

The nozzle has a molded poly cover to resist wear, and also extends past the end of the nozzle to prevent mud and dirt from damaging the seat and rotor, which significantly adds life to the nozzle.

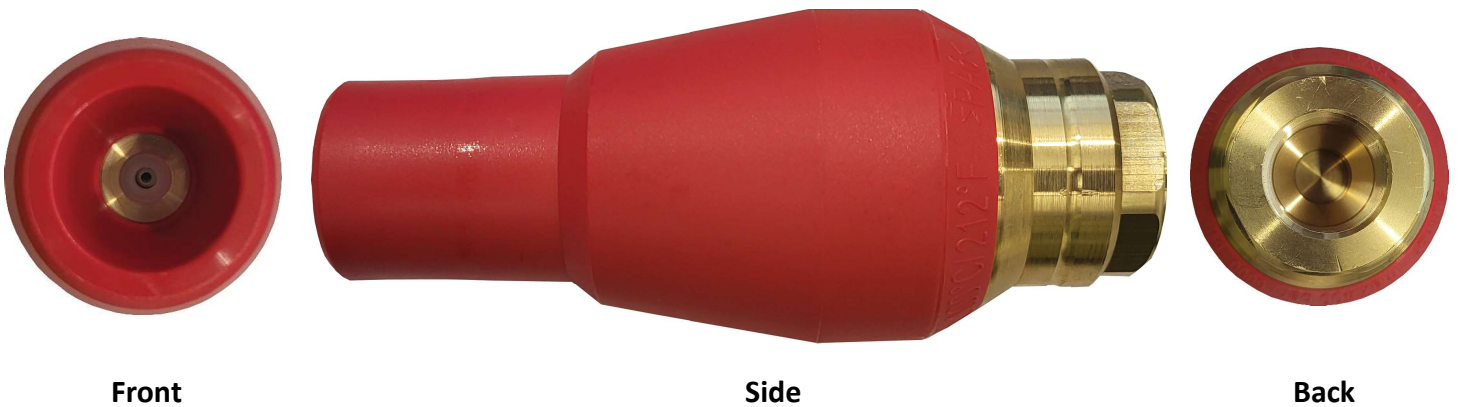
SPECIFICATIONS

- 1/2" FNPT Connection
- Rated at 6000 PSI
- Temp Rated at 190°F
- Weight: 1.60 lbs.



P/N	Nozzle Size	GPM @ 725 PSI	GPM @ 1450 PSI	GPM @ 2175 PSI	GPM @ 2900 PSI	GPM @ 3625 PSI	GPM @ 4350 PSI	GPM @ 5075 PSI	GPM @ 5800 PSI
58988	6.0	2.6	3.6	4.5	5.1	5.8	6.3	6.8	7.3
58990	7.0	3.0	4.2	5.2	6.0	6.7	7.4	8.0	8.5
58981	8.0	3.4	4.8	5.9	6.9	7.7	8.4	9.1	9.7
58992	10.0	4.3	6.0	7.4	8.6	9.6	10.5	11.4	12.2
58993	12.0	5.1	7.2	9.0	10.3	11.6	12.7	13.7	14.6

Other nozzle sizes available upon request.



Front

Side

Back

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Pressure Washer / Wash Down Hose

Constructed to withstand harsh environments, compact, wire-braided pressure washer wash down hoses have been increasingly used. This product was developed to be smaller in diameter than conventional one-and-two braided hoses with similar performance characteristics. Thus, the smaller diameter gives the following characteristics:

- Smaller bend radii
- Smaller OD lower profile - takes up less space on a reel
- Extraordinary flexibility - superior flex performance
- Less weight - easier to handle
- Hoses are oil, fuel, weather, ozone and abrasion resistant
- Temperature range - 40° F to 212° F constant operating temperature
- Hoses are fitted with solid male x male swivel end and bend guards



<h2>3/8"</h2> <p>One Wire</p>	Synthetic Rubber (ONE WIRE) GREY Outer Cover					
	Hose I.D.	Hose O.D.	Burst PSI	Working PSI	Min. Bend	lbs./100'
	3/8"	.63	12,500 PSI	4,000 PSI	4"	Soon..
	P/N	Size	Length			
	PW138X25	3/8"	25'			
	PW138X50	3/8"	50'			
PW138X75	3/8"	75'				
PW138X100	3/8"	100'				

<h2>1/2"</h2> <p>One Wire</p>	Synthetic Rubber (ONE WIRE) Black Outer Cover Specifications					
	Hose I.D.	Hose O.D.	Burst	Working PSI	Mid. Bend	lbs./100'
	1/2"	.750	10,000 PSI	3,000 PSI	7"	27 lbs.
	P/N	Size	Length			
	PW112X25	1/2"	25'			
	PW112X50	1/2"	50'			
PW112X75	1/2"	75'				
PW112X100	1/2"	100'				

<h2>1/2"</h2> <p>Two Wire</p>	Synthetic Rubber (TWO WIRES) Black Outer Cover Specifications					
	Hose I.D.	Hose O.D.	Burst	Working PSI	Mid. Bend	lbs./100'
	1/2"	.750	18,000 PSI	6,000 PSI	7"	27 lbs.
	P/N	Size	Length			
	PW212X25	1/2"	25'			
	PW212X50	1/2"	50'			
PW212X75	1/2"	75'				
PW212X100	1/2"	100'				

U-Hook Adjustable Combo Hook and Chisel Tool

Manhole Lifting- and ground-breaking too! The all-new UEMSI/HTV U-Hook is a heavy-duty, adjustable flat and 90° combination manhole hook and chisel tool. The adjustable steel head can be turned to change its orientation to the handle 90° to best achieve results. This is simply done by loosening a fastener in the center of the head and turning the head to the 'next' slot and re-tightening the fastener. *Easy.*

The U-Hook is not only great for popping open manhole covers, but does a great job chiseling away soil, seal coat and asphalt from the top of manhole covers and rims to gain access.

The U-Hook handle is manufactured from ¾" diameter #4130 steel round stock, while the adjustable cast steel head is designed with a pick-hook on one side and a 1 ¼" wide chisel head on the other side.

Many of our users have found other uses for the U-Hook, including in construction, demolition of drywall and plaster, siding and removal of roofing materials. The possibilities are endless.

Handle Diameter: ¾"
Overall Length: 39"
Color: Yellow



UEMSI/HTV PART # MHH-DH

Heavy Duty Adjustable Hydrant Wrenches

UEMSI/HTV is now offering two new Heavy Duty Adjustable Hydrant Wrenches to its already extensive offering.

An, everyday hydrant wrench on the market today has a handle that is 7/8" in diameter and is 17 ½" long. The first thing that happens when you use these standard wrenches in the field to get a hydrant valve nut loose is that the handle bends- so your first solution is to put a steel tube over it for more torque and support. This might get the job done, but it can often bend the handle even more so.

We thought it was time to make the right tool for the job at-hand.

Thus, UEMSI/HTV's all-new Heavy Duty Adjustable Hydrant Wrench has a 1 1/8" diameter steel handle, and is available in 17" length or 24" length for more strength where more pulling torque is needed to break a valve nut or hydrant cap loose. As well, the last 6" of each handle end is knurled, for a non-slip grip.

The handle and the wrench head are threaded, and by turning the handle, the wrench can be adjusted to fit any hydrant valve nut or hydrant cap nut.

For more information, give us a call at (877) 389-9999.



UEMSI/HTV P/N	Description	Length
G-189HD-S	Heavy Duty 17" Long Handle Hydrant Wrench	18" Overall Length
G-189HD	Heavy Duty 24" Long Handle Hydrant Wrench	25" Overall Length

X HYDRO CATALOG

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