

Mangueras, Tuberías y Accesorios

“PUMPS 101”





Dewatering Solutions





Descripción de las Mangueras y su utilización

NOTA: En acoples QD, flujo siempre va del acople macho al acople tipo hembra

	<p>Suction Hose – For use on <u>SUCTION</u> side of CD or HL pump applications only. Diameters: 2" to 12" Lengths: 10', 20' Fittings: QD, ET (up to 6") Applications: All water and sewage applications Petroleum application (only if marked <i>Goodyear Flexwing</i>) Comments: Sometimes used on discharge of low pressure CD applications with Double Bolt Clamps</p>
	<p>Layflat Discharge Hose – For use on <u>DISCHARGE</u> side of CD pump applications only. Diameters: 2" to 12" Lengths: 50' Fittings: QD, ET (up to 6") Applications: All water and sewage applications Petroleum application Comments: 2" Diameter hose used on discharge of HL80M pumps when jetting in wellpoints</p>
	<p>Godwin Quick Disconnect (QD) Pipe – For use on <u>DISCHARGE</u> side of pump applications. Diameters: 4" to 12" Lengths: 3', 6', 10', 20' Fittings: QD Applications: All water and sewage applications Petroleum application Comments: 10" and 12" pipe is not used on discharge of HL pump applications 10" and 12" pipe have maximum lengths of 10' Closure bar required to close QD fitting</p>
	<p>Kanaflex Suction Hose – For use on <u>SUCTION</u> side of CD or HL pump applications only. Diameters: 2" to 8" Lengths: 10', 20' Fittings: QD, ET (up to 6") Applications: All water and sewage applications only Not for Petroleum applications Comments: Specialty hose for long suction hose applications – very lightweight, but very fragile. Use caution when strapping down on a truck.</p>

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	<p>Chemical Hose – For use on <u>SUCTION</u> side of CD or HL pump applications only.</p> <p>Diameters: 2" to 6" Lengths: 10', 20' Fittings: Stainless Steel ET</p> <p>Applications: Chemical applications only</p> <p>Comments: For use with Godwin Dri-Prime Stainless Steel pumps only.</p>
	<p>Composite Hose – For use on SUCTION & DISCHARGE side of CD or HL pumps</p> <p>Diameters: 4" to 10" Lengths: 10', 20' Fittings: Flange</p> <p>Applications: All water and sewage applications Petroleum application</p> <p>Comments: Flexible flanged hose – lighter than Cargo hose, but fragile. Use caution when strapping down on a truck.</p>
	<p>Cargo / Flexdock Hose – For use on SUCTION & DISCHARGE side of CD or HL pumps</p> <p>Diameters: 4" to 12" Lengths: 10', 20' Fittings: Flange</p> <p>Applications: All water and sewage applications Petroleum application</p> <p>Comments: Rigid, heavy duty flanged hose – heavier than Composite hose. Larger diameters will not bend much.</p>
	<p>HDPE Pipe – For use on SUCTION & DISCHARGE of CD or HL pump applications</p> <p>Diameters: 8" to 24" Lengths: 40' Fittings: Fused together</p> <p>Applications: All water and sewage applications only <u>Not for Petroleum applications</u></p> <p>Comments: For use on long runs of high volume pump applications. Flanges and back up rings are used to connect to pump and tie-in location HDPE pipe is available in different thicknesses (depending on pressure) Thickness of HDPE pipe is measured by SDR rating (11, 17, 26, 32) Lower SDR ratings are thicker, higher ratings are thinner</p>

Mallas, Acoples y Adaptadores

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Mallas de succión



Large Hole – CD Pumps

Sizes: 2" – 12"

Fittings: QD, ET (up to 6")



Low Profile – CD Pumps

Sizes: 3" – 8"

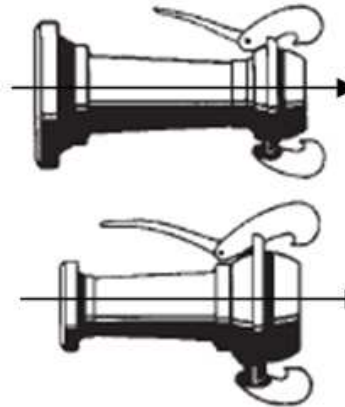
Fittings: QD, ET (up to 6")



Small Hole – HL Pumps

Sizes: 4" – 12"

Fittings: QD, ET (up to 6")



Adaptadores

Reducer

Flow enters larger female end
And exits smaller male end

Increaser

Flow enters smaller female end
And exits larger male end

When describing adapters always define the size, gender, and type on both sides of adapter

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Codos

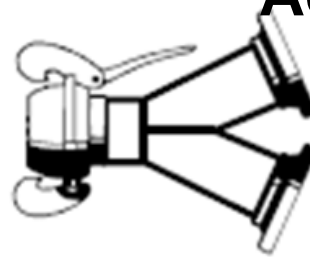
90 Degrees Bend (Elbow)
 Sizes: 2" – 12"
 Fittings: QD only



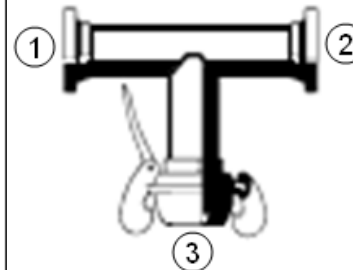
60 Degrees Bend (Elbow)
 Sizes: 4" – 8"
 Fittings: QD only

45 Degrees Bend (Elbow)
 Sizes: 2" – 12"
 Fittings: QD only

Adaptadores "Y" y "T"



"Y" Adapter (joins the flow of two lines)
 Sizes: 4" – 12"
 Fittings: QD only
 Description: Female x Female x Male
 Example shown: 8" Y (F x F x M)



"Tee" Adapter (joins or splits of two lines)
 Sizes: 4" – 12"
 Fittings: QD only
 Description: Line ① x Line ② x Branch ③
 Example shown: 8" Tee (F x F x M)



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Cuello de Ganso



6' Long Double Offset Pipe
Sizes: 2" – 12"
Fittings: QD only

Used on the discharge of CD pumps to bring flow from discharge down to ground level.

Válvula "Check"



One way directional flow valves

Sizes: 4" – 12"

Fittings: Flanged or QD

Direction arrow shown on top of valve



Used on the discharge of CD and HL pumps to keep flow from going back against the pump

Used on **DISCHARGE** of QD and HDPE Pipe only

Respiraderos

Diameter: 4" – 12" QD pipe, 3' long
Saddle vents on HDPE



Vacuum Breaker Vent

Often used with 4' PVC Riser Pipe



Combination Vent

Used on closed system applications