										OBSERVACIONES	
MODELO C-4	DELO C-4	МО	400/7401	MODELO 7400/7401						NOTA DE PROVEEDOR	
Dolares	Dolares		res	Dolares	moneda/ currency:						
8/.53,519.76	B/.53,519.70		865.89	8/.171,865.89	TOTAL Cost :						
					ITBMS						
53 B/.31,468.50		8/.42.53	0/.//,900.00	66.501.10							
1	1	0/.14.28	07.55,152.07	100 301 /B			Und.	740	o VTJ	Coupling Ø 10" Tipo VTJ	VTJ-00-00
		01.0.10	B/ 33 133 97	B/ 51 21			Und.	647	LTV	Coupling Ø 8" Tipo VTJ	VTJ-00-00
		B/ 8 40	B/ 31 034 52	B/.41.49		17900	Und.	748	ינוע	Coupling Ø 6" Tipo VTJ	VIJ-00-00
1	1	B/	B/ 13 350 43	B/ 22 14			Und.	603) VTJ	Coupling Ø 4' Tipo VTJ	VTJ-00-00
-	-		8/.9,461.97	B/.14.49			Und one	443	UTV	Coupling Ø 3" Tipo VTJ	00-00-LTV
contado	Contado		COMMODO	2	Torme	Presupuestado	ind i	623	Tipo VTJ	Coupling Ø 2-1/2" Tipe VTJ	VTJ-00-00
Anvii International, IIC	MINI Incernanc		Contrado manorial, inc	-	Condiciones de	Monto	ind.	Cant	Description / Descripcion		Codigo B.O.M
		1	antional II	Anvil Inter	Vendor Name						
Vendor 2	Vendor 2		Vendor 1	Ven							
TOCUMEN	TOCUMEN		TOCUMEN	700				ion:	Lugar de entrega/ Location:		
3 DIAS	3 DIAS		3 DIAS	31				Date:	riazo de entregal belivery bate.		
NO	NO		NO	7				7	Phone As a phone of the phone o		
NO	NO		NO				21 100.	respectition	Appropriate DEA / Appropriate DEA		

	Disciplina / Discipline:	Descripcion/ Description:		Material Code #/ Codigo del Material:				included and including	(S)		
nvac Type:	LIVAC T.										
Materiales	CT LINGS FARM TOD. KANUKADA	CDI INCC DADA THE DANIMANA			COMMISSION ENGINERION COE	Commorcial Bid Evaluation Car.					
					11	1			Gestión	13	椎
								FO-INT-ING-	de Control de Ca	п	Month
		reconzent por py.	Dealizado por / Bu-	Fecha/ Date:				FO-INT-ING-CDE001-REV01	Gestión de Control de Calidad/ Quality Management	2015	Year
		X		26/01/16					agement	20/10/15	Last Rev:

Thomas Rodriguez

Enviado el: Jose Antonio Galavis < jgalavis@integ.com.ve>

lunes, 28 de diciembre de 2015 12:09

Para:

Asunto:

De:

'Thomas Rodriguez'; Msuarez@integca.com; 'Montilla Antonio'; 'Jguerra'; 'Alba Galaviz'

Estimado Couplings Rasurados PROYECTO TOCUMEN

Hola Alba, Thomas,

Estos son los estimados de couplings por diámetro que nos vamos a llevar en todo el proyecto. Esto se sacó de los cómputos que realizó Venezuela junto a Diego Ulate.

El estimado lo hice de la siguiente manera:

1.4 uniones por cada tubo

2 uniones por cada codo

3 uniones por cada Tee

El resultado fue el siguiente:

10	8	o	4	ω	2 1/2	Diameter (inch)
740	647	748	603	443	653	# Couplings

Favor ir cotizando las marcas aprobadas según RFA siguiente: https://integ.quickbase.com/db/bj6pbaywu?a=dr&r=z&rl=gjn

Atentamente,





Aviso de Privacidad y Confidencialidad

error, por favor notifíquenos inmediatamente a la dirección de correo electrónico y elimínelo. abstenerse de leer, distribuir, copiar o divulgar la información contenida en el mismo y de actuar en función de dicha información. Si ha recibido este correo electrónico por Este correo electrónico contiene información confidencial y privilegiada. Está dirigido única y exclusivamente a los destinatarios señalados, si usted no es uno de ellos, debe

Privacy and Confidentiality Notice

disclose the information herein, nor should you act in reliance upon it. If you have received this e-mail in error, please delete it and notify us inmediately at our e-mail This e-mail contain confidential and privileged information. It is intended for the named recipients only. If you are not an intended recipient you must not distribute, copy or

ANVIL INTERNATIONAL, LLC Quote

Page

H

Client..... 56997 MISC CIA EUROPE/SOUTH AMERICA Your Order #... RFQ 1305 INTEG C4
Job Name..... Sales Rep..... VAN MEESEN, RICK
Ship Via EXPORT Sales Associate: Silvia Ramirez Tel: (800)301-2701 Fax: Our Order #...
Date Ordered.:
Job/Quote#...
Total Weight.: (708)534 - 54410431837 2016-01-08 31590

Ship-To/Pick-Up:

INTEG INGENIERIA INTEGRAL EL PANAMA HOTEL LOWER FLOOR LOCAL 3 PANAM CITY, PANAMA 60477

Esta cotizacion es valida por 30 dias

o.	б	4	ω	N	Seq.
C-4	C-4	C-4 6	C-4	C-4 3	C-4
10 E TYPE A PURPLE RIGID CPLG AIN: 0890020480 Disponible de Orlando, FL 32809	8 E TYPE A PURPLE RIGID CPLG AIN: 0890020472 Disponible	6 E TYPE A PURPLE RIGID CPLG AIN: 0890020449 Disponible de Orlando, FL 32809	4 E TYPE A PURPLE RIGID CPLG AIN: 0890020423 Disponible de Orlando, FL 32809	3 E TYPE A PURPLE RIGID CPLG AIN: 0890020415 Disponible de Orlando, FL 32809	Description 21/2 E TYPE A PURPLE RIGID CPLG AIN: 0890020381 Disponible de Orlando, FL 32809
740	647	748	603	443	<u>Qty.</u> 653
42.5250	14.2800	8.4000	4.8300	3.6750	Unit-Price 3.0450
31468.50	9239.16	6283.20	2912.49	1628.03	<u>Price</u> 1988.39
AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	Avail.

** TOTAL ** 53519.77

BUYER HEREBY REPRESENTS AND WARRANTS THAT, IN CONNECTION WITH THE PURCHASE AND RESALE OF THE PRODUCTS PURCHASED HEREIN, BUYER HAS NOT AND WILL NOT PAY, OFFER OR PROMISE TO PAY, OR AUTHORIZE

N

(708)534-5441

0431837 2016-01-08

31590

Sales Associate: Silvia Ramirez (800)301-2701 Fax: Our Order #...
Date Ordered.:
Job/Quote#...
Total Weight.:

Job Name..... Client..... Your Order #... : 56997 MISC CIA EUROPE/SOUTH AMERICA : RFQ 1305 INTEG C4

Sales Rep..... Ship Via O..... VAN MEESEN, RICK

Description

Unit-Price

Price

Avail.

IMPORTANT **

************* IMPORTANTE

**

****************** FAVOR DE VERIFICAR LO CONTENIDO CON EL LISTADO DE EMPAQUE! CUALQUIER DIFERENCIA DEBE SER NOTIFICADA DENTRO DE 10 DIAS Y ANTES DE SER EXPORTADA. MUCHA GRACIAS

ALL ITEMS IDENTIFIED WITH AN ASTERISKS (*) WILL BE ROUNDED TO THE NEAREST BOX QUANTITY UPON THE CONFIRMATION OF THIS QUOTE/ORDER.

ANVIL INTERNATIONAL STRIVES TO PROVIDE ACCURATE PRICING ON ALL ORDERS. ANY DISCREPANCIES BETWEEN YOUR PURCHASE ORDER AND ANVIL INTERNATIONAL'S ORDER CONFIRMATION SHOULD BE REPORTED TO ANVIL INTERNATIONAL WITHIN ONE BUSINESS DAY OF

-		
	1	
		2
1	0	C
1		
1	_	
١	3	
1	,	
١	۵	٠
	۰	
ı		,
ì	î	
•	•	
(5	1
,	_	3

ANVIL INTERNATIONAL, LLC Quote

Page

μ

Ship-To/Pick-Up: Sales Associate: Silvia Ramirez VAN MEESEN, RICK China 56997 MISC CIA EUROPE/SOUTH AMERICA RFQ 1305 INTEG C4 INTEG INGENIERIA INTEGRAL EL PANAMA HOTEL LOWER FLOOR LOCAL 3 PANAM CITY, PANAMA 60477 Tel: (800)301-2701 Fax: Our Order #...
Date Ordered.:
Job/Quote#...
Total Weight.: (708) 534-5441 31590 0431837 2016-01-08

Esta cotizacion es valida por 30 dias

0	ທ	4	ω	N	Seq.
C-4	C-4	C-4	C-4	C-4	C-4
10 E TYPE A PURPLE RIGID CPLG AIN: 0890020480 Disponible de Orlando, FL 32809	8 E TYPE A PURPLE RIGID CPLG AIN: 0890020472 Disponible	6 E TYPE A PURPLE RIGID CPLG AIN: 0890020449 Disponible de Orlando, FL 32809	4 E TYPE A PURPLE RIGID CPLG AIN: 0890020423 Disponible de Orlando, FL 32809	3 E TYPE A PURPLE RIGID CPLG AIN: 0890020415 Disponible de Orlando, FL 32809	Description 21/2 E TYPE A PURPLE RIGID CPLG AIN: 0890020381 Disponible de Orlando, FL 32809
740	647	748	603	443	<u>Qty.</u> 653
60.7500	20.4000	12.0000	6.9000	5.2500	Unit-Price 4.3500
44955.00	13198.80	8976.00	4160.70	2325.75	<u>Price</u> 2840.55
AVAIL	AVAIL	AVAIL	AVAIL	AVAIL	Avail. AVAIL

** TOTAL ** 76456.80

BUYER HEREBY REPRESENTS AND WARRANTS THAT, IN CONNECTION WITH THE PURCHASE AND RESALE OF THE PRODUCTS PURCHASED HEREIN, BUYER HAS NOT AND WILL NOT PAY, OFFER OR PROMISE TO PAY, OR AUTHORIZE

N

Seq. Client.....
Your Order #...
Job Name.....
Sales Rep.....
Ship Via Sales Associate: Silvia Ramirez EXPORT 56997 MISC CIA EUROPE/SOUTH AMERICA RFQ 1305 INTEG C4 VAN MEESEN, RICK Tel: (800)301-2701 Our Order #...
Date Ordered.:
Job/Quote#...
Total Weight.: Fax: (708)534 - 54412016-01-08 043183

THE PAYMENT OF MONIES OR ANYTHING OF VALUE DIRECTLY OR INDIRECTLY TO ANY GOVERNMENT OFFICIAL OR EMPLOYEE FOR THE PURPOSE OF INFLUENCING ANY ACT OR DECISION OF SUCH OFFICIAL OR THE GOVERNMENT TO OBTAIN OR RETAIN BUSINESS. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS; DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

** IMPORTANT **

*************** IMPORTANTE **

FAVOR DE VERIFICAR LO CONTENIDO CON EL LISTADO DE EMPAQUE: CUALQUIER DIFERENCIA DEBE SER NOTIFICADA DENTRO DE 10 DIAS Y ANTES DE SER EXPORTADA. MUCHA GRACIAS.

ALL ITEMS IDENTIFIED WITH AN ASTERISKS (*) WILL BE ROUNDED TO THE NEAREST BOX QUANTITY UPON THE CONFIRMATION OF THIS QUOTE/ORDER.

ANVIL INTERNATIONAL STRIVES TO PROVIDE ACCURATE PRICING ON ALL ORDERS. ANY DISCREPANCIES BETWEEN YOUR PURCHASE ORDER AND ANVIL INTERNATIONAL'S ORDER CONFIRMATION SHOULD BE REPORTED TO ANVIL INTERNATIONAL WITHIN ONE BUSINESS DAY OF

Description

Unit-Price

Price Avail.

ANVIL INTERNATIONAL, LLC Quote

Page

W

(708)534-5441

0431837 2016-01-08

Client..... 56997 MISC CIA EUROPE/SOUTH AMERICA Your Order #... RFQ 1305 INTEG C4
Job Name..... VAN MEESEN, RICK Ship Via EXPORT Sales Associate: Silvia Ramirez Tel: (800)301-2701 Fax:

Seq.

Description

Unit-Price

Price

Avail.

Qty.

Our Order #...
Date Ordered...
Job/Quote#...
Total Weight.. 31590

RECEIPT OF THIS ORDER CONFIRMATION.
FAILURE TO REPORT ANY PERCEIVED
DISCREPANCY SIGNIFIES AN ACCEPTANCE OF
PRICING AND PRODUCTS, INCLUDING QUANTITY
AND ITEM NUMBER, AS SHOWN ON THE ORDER
CONFIRMATION. THANK YOU FOR YOUR ORDER.





The C-4 Rigid Coupling is our standard coupling and is designed for rigid piping applications. The C-4 is specially designed to provide a rigid, locked-in pipe connection to meet the specific demands of rigid design steel pipe.

For the latest UL/ULC listed, LPCB, VdS and FM Approved pressure ratings versus pipe schedule, see www.anvilintl.com or contact your local Anvil Representative.











For Listings/Approval Details and Limitations, visit our website a

MATERIAL SPECIFICATIONS

HOUSING: Ductile Iron conforming to ASTM A-536, Grade 65-45-12 ANSI BOLTS & HEAVY HEX NUTS:

Heat treated, oval-neck track head bolts conforming to ASTM A-183 Grade 2 with a minimum tensile strength of 110,000 psi and heavy hex nuts of carbon steel conforming to ASTM A-563 Grade A or Grade B, or SAE J995 Grade 2. Bolts and nuts are provided zinc electroplated as standard.

METRIC BOLTS & HEAVY HEX NUTS:

Heat treated, zinc electroplated oval-neck track head bolts made of carbon steel with mechanical properties per ISO 898-1 Class 8.8. Hex nuts and bolts are zinc electroplated followed by a yellow chromate dip.

COATINGS:

- Rust inhibiting paint Color: ORANGE (standard)
- Hot Dipped Zinc Galvanized (optional)
- Other available options: Example: RAL3000 or RAL9000 Series For other coating requirements contact an Anvil Representative.

LUBRICATION:

- Standard Gruvlok
- ☐ Gruvlok XtremeTM required for dry pipe systems and freezer applications.

GASKETS: Materials

Properties as designated in accordance with ASTM D-2000.

- Pre-Lubricated Grade "E" EPDM, Type A Gasket (Violet color code)
 - -40°F to 150°F (Service Temperature Range)(-40°C to 65°C) Recommended for wet and dry (oil free air) pipe fire protection sprinkler systems. For dry pipe systems and freezer applications, Gruvlok Xtreme™ Lubricant is required.
- ☐ Grade "E" EPDM (Green color code)
 - -40°F to 230°F (Service Temperature Range)(-40°C to 110°C) Recommended for water service, diluted acids, alkalies solutions, oil-free air and many chemical services.
 - NOT FOR USE IN PETROLEUM APPLICATIONS.
- ☐ Grade "EP" EPDM (Green and Red color code)
 -40°F to 250°F (Service Temperature Range)(-40°C to 121°C)
 Recommended for water service, diluted acids, alkalies solutions, oil-free air and many other chemical services.
 NOT FOR USE IN PETROLEUM APPLICATIONS.

GASKET TYPE:

- Standard C Style
- Flush Gap

PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	
D 410	

-	
00/	
TO	1
V	٦
	2

ANVIL INTERNATIONAL, LLC Quote

Page

 \vdash

Sales Associate: Silvia Ramirez 56997 MISC CIA EUROPE/SOUTH AMERICA RFQ 1306 INTEG 7400 VAN MEESEN, RICK European Shipments USA Tel: (800)301-2701 Fax: Our Order #...
Date Ordered.:
Job/Quote#...
Total Weight.: (708)534-54410431849 2016-01-08 33374

Ship-To/Pick-Up: INTEG INGENIERIA INTEGRAL EL PANAMA HOTEL LOWER FLOOR LOCAL 3 PANAM CITY, PANAMA 60477

Esta cotizacion es valida por 30 dias Incoterm 2010: FCA, PICK UP @ ANVIL PLANT USA

6		ហ	4	ω	2	1	Seq.
7401 10 A		7400 8	7400 6	7400	7400 3	7400	
AIN:	Tiem			AIN: Disp	AIN: Disp	21/2 AIN: Disp	
PTD EP GSKT RIDGLOK CPLG AIN: 0390013589 Disponible	Tiempo de entrega: 20 a 25 dias haibles	PTD EP FG GSKT RIGD CPLG	PTD EP FG AIN: 0390211829 Disponible	PTD EP FG AIN: 0390211787 Disponible	PTD EP FG GSKT RIGD CPLG AIN: 0390211761 Disponible	./2 PTD EP FG GSKT RIGD AIN: 0390211746 Disponible	Description
CT RID	ja: 20	GSKT	GSKT RIGD CPLG	GSKT RIGD CPLG	GSKT	GSKT	ion
GLOK	a 25	RIGD	RIGD	RIGD	RIGD	RIGD	
CPLG	dias	CPLG	CPLG	CPLG	CPLG	CPLG	
740	haibles	647	748	603	443	653	Qty.
105.3900		51.2100	41.4900	22.1400	15.5700	14.4900	Unit-Price
77988.60		33132.87 NOT AV	31034.52	13350.42	6897.51	9461.97	Price
AVAIL		NOT AV	AVAIL	AVAIL	AVAIL	AVAIL	Avail.

* TOTAL ** 171865.89

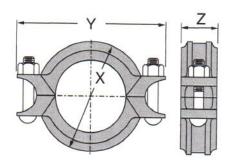
BUYER HEREBY REPRESENTS AND WARRANTS THAT, IN CONNECTION WITH THE PURCHASE AND RESALE OF THE PRODUCTS PURCHASED

2

	Seq.	Client Your Order # Job Name Sales Rep Ship Via	Sales Associate:	
NOT AND WILL NOT PAYOF PAY, OR AUTHORIZE IES OR ANYTHING OF INDIRECTLY TO ANY LOR EMPLOYEE FOR TEING ANY ACT OR FFICIAL OR THE IN OR RETAIN BUSINE TECHNOLOGY OR TECHNOLOGY OR TECHNOLOGY OR TECHNOLOGY OR AW IS PROHIBITED. ************************************	Description Qty.	## FQ 1306 INTEG 7400 VAN MEESEN, RICK European Shipments	Silvia Ramirez	2
	Unit-Price Price Avail.	Our Order #: 0431849 Date Ordered.: 2016-01-08 Job/Quote#: Total Weight.: 33374	Tel: (800)301-2701 Fax: (708)534-5441	







Nominal	Pipe	Max.	Max.	Range of Pipe	Cou	pling Dimens	ions	Co	upling Bolts	Specified	Torque §	
Size	0.D.	Working Pressure	End Load	End Separation	χ	Υ	Z	Qty.	Size	Min.	Max.	Approx Wt. Ea.
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm		In./mm	Ft -11	s./N-m	Lbs./Kg
1	1.315	300	407	0-1/32	23/8	4	13/4	2	3/8 x 21/4	30	45	1.2
25	33.4	20.7	1.81	0-0.79	60	102	44	-	M10 x 57	40	60	0.5
11/4	1.660	300	649	0-1/32	23/4	45/8	17/8	2	3/8 x 21/4	30	45	1.5
32	42.2	20.7	2.89	0-0.79	70	117	48	-	M10 x 57	40	60	0.7
11/2	1.900	300	851	0-1/32	213/16	47/8	17/8	2	3% x 21/4	30	45	1.7
40	48.3	20.7	3.78	0-0.79	71	124	48	-	M10 x 57	40	60	0.8
2	2.375	300	1,329	0-1/32	31/2	53/8	2	2	3/8 x 21/4	30	45	1.9
50	60.3	20.7	5.91	0-0.79	89	137	51	-	M10 x 57	40	60	0.9
21/2	2.875	300	1,948	0-1/32	4	6	2	2	3/8 x 21/2	30	45	1.9
65	73.0	20.7	8.66	0-0.79	102	152	51	-	M10 x 63	40	60	0.9
3 0.0.	2.996	300	2,115	0-1/12	41/4	61/4	1%	2	36 x 21/2	30	45	2.2
76.1	76.1	20.7	9.41	0-0.79	105	156	48		M10 x 63	40	60	1.0
3	3.500	300	2,886	0-1/32	43/4	65/8	2	2	3/8 x 21/2	30	45	2.4
80	88.9	20.7	12.84	0-0.79	721	168	51		M10 x 63	40	60	11
4	4.500	300	4,771	0-3/32	57/8	73/4	21/8	2	3/8 x 21/2	30	45	3.2
100	114.3	20.7	21.22	0-2.38	149	197	54	_	M10 x 63	40	60	1.4
51/2 O.D.	5.500	300	7,127	0-1/37	6///	91/4	21/10	2	14x3	80	100	5
139.7	139.7	20.7	31.70	0-2.38	175	235	52		M12 x 76	110	150	2.2
5	5.563	300	7,292	0-3/32	615/16	91/16	21/16	2	½ x 3	80	100	4.5
125	141.3	20.7	32.44	0-2.38	176	230	52	-	M12 x 76	110	150	2.0
61/4 0.0.	6.500	300	9,955	0-3/22	81/8	10%	21/4	2	16×3	80	100	5.8
165.1	165.1	20.7	44.28	0-2.38	207	264	54		M12 x 76	110	150	2.6
6	6.625	300	10,341	0-3/32	81/4	10%	21/8	2	1/2 x 31/4	80	100	5.8
150	168.3	20.7	46.00	0-2.38	210	264	54		M12 x 82	110	150	2.6
8	8.625	300	17,528	0-3/32	101/2	131/4	21/2	2	5/8 x 31/2	100	130	10.8
200	219.1	20.7	77.97	0-2.38	267	337	64	38000	M16 x 89	130	175	4.9
10	10.750	300	27,229	0-3/32	13	163/4	25/8	2	⅓ x 5	180	220	21.5
250	273.1	20.7	121.12	0-2.38	331	425	67		M22 x 125	245	298	9.8
12	12.750	300	38,303	0-3/32	15%	191/4	25/8	2	7/8 x 51/2	180	220	27.4
300	323.9	20.7	170.38	0-2.38	391	489	67		M22 x 140	245	298	12.4

Range of Pipe End Seperation values are for roll grooved pipe and may be doubled for cut groove pipe.

- 1. Working pressure and/or end load are total allowable, based on standard weight steel pipe, roll or cut grooved.
- 2. One time field test pressure may be increased to 1.5 times the figures listed above.
- \S For additional Bolt Torque information see Technical Data Section.
- ▲ Working Pressure Ratings are for reference only and based on Sch. 40 pipe. For the latest UL/ULC, FM, VdS and LPCB pressure ratings versus pipe schedule, please visit anvilintl.com or contact your local Anvil Representative.

Other sizes available, contact an Anvil Representative.



For dry pipe systems and freezer applications lubrication of the gasket is required, Gruvlok® Xtreme™ Lubricant is required.



FIG. 7400

Rigidlite® Coupling









For Listings/Approval Details and Limitations, visit our website at www.anvilintl.com or contact an Anvil® Sales Representative

The Fig. 7400 Rigidlite Coupling from Gruvlok is specially designed to provide a rigid, locked-in pipe connection to meet the specific demands of rigid design steel pipe systems. Fast and easy swing-over installation of the rugged lightweight housing produces a secure, rigid pipe joint.

The Fig. 7400 Rigidlite Coupling is UL/ULC Listed and FM Approved for 300 psi (20.7 bar) with roll grooved or cut grooved steel pipe prepared in accordance with Gruvlok grooving specifications.

The galvanized Fig. 7400 is ideal for stainless steel piping application where the external corrosion properties of stainless steel is not required. For Gruvlok coupling pressure ratings on stainless steel pipe, please refer to page 210.

MATERIAL SPECIFICATIONS

ANSI BOLTS & HEAVY HEX NUTS:

Heat treated, oval neck track head bolts conforming to ASTM A 183 Grade 2 with a minimum tensile strength of 110,000 psi and heavy hex nuts of carbon steel conforming to ASTM A 563 Grade A or Grade B, or J995 Grade 2. Bolts and nuts are provided zinc electroplated as standard.

METRIC BOLTS & HEAVY HEX NUTS:

Heat treated, zinc electroplated oval-neck track head bolts made of carbon steel with mechanical properties per ISO 898-1 Class 8.8. Hex nuts and bolts are zinc electroplated followed by a yellow chromate dip.

STAINLESS STEEL BOLTS & NUTS:

Stainless steel bolts and nuts are also available. Contact an Anvil Representative for more information.

HOUSING:

Ductile Iron conforming to ASTM A 536, Grade 65-45-12.

COATINGS

Rust inhibiting paint – Color: ORANGE (standard)

☐ Hot Dipped Zinc Galvanized (optional)

Other Colors Available (IE: RAL3000 and RAL9000)

For other Coating requirements contact an Anvil Representative.

GASKETS: Materials

Properties as designated in accordance with ASTM D 2000

☐ Grade "E" EPDM (Green color code)

-40°F to 230°F (Service Temperature Range)(-40°C to 110°C)
Recommended for water service, diluted acids, alkalies solutions, oil-free air and many other chemical services.
NOT FOR USE IN PETROLEUM APPLICATIONS.

Grade "EP" EPDM (Green and Red color code)
-40°F to 250°F (Service Temperature Range)(-40°C to 121°C)
Recommended for water service, diluted acids, alkalies solutions,
oil-free air and many other chemical services.
NOT FOR USE IN PETROL FUM APPLICATIONS

For hot water applications the use of Gruvlok Extreme Temperature lubricant is recommended. NSF-61 Certified for cold and hot water applications up through 12".

☐ Grade "T" Nitrile (Orange color code)

-20°F to 180°F (Service Temperature Range)(-29°C to 82°C) Recommended for petroleum applications. air with oil vapors and vegetable and mineral oils.

NOT FOR USE IN HOT WATER OR HOT AIR

☐ Grade "O" Fluoro-Elastomer (Blue color code)

20°F to 300°F (Service Temperature Range)(-29°C to 149°C)
Recommended for high temperature resistance to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants.

☐ Grade "L" Silicone (Red color code)

-40°F to 350°F (Service Temperature Range)(-40°C to 177°C) Recommended for dry, hot air and some high temperature chemical services.

GASKET TYPE:

Standard C Style

☐ Flush Gap (1" - 8")

LUBRICATION:

☐ Standard Gruvlok

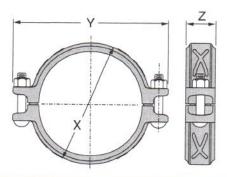
☐ Gruvlok XtremeTM (Do Not use with Grade "L")

PROJECT INFORMATION	APPROVAL STAMP				
Project:	Approved				
Address:	Approved as noted				
Contractor:	☐ Not approved				
Engineer:	Remarks:				
Submittal Date:					
Notes 1:					
Notes 2:					



FIG. 7400

Rigidlite® Coupling



Nominal Size	0.0	Max. Wk.	THE PERSON NAMED IN	Range of Pipe End	Coupling Dimensions		Coupling Bolts		Specified Torque §		Approx. Wt.	
		Pressure		Separation	Х	Υ	Z	Qty.	Size	Min.	Max.	Ea.
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm		In./mm	FtLbs./N-m		Lbs./Kg
1	1.315	300	407	0-1/32	21/4	41/2	13/4	2	3/8 x 21/4	30	45	1.2
25	33.4	20.7	1.81	0-0.79	57	114	44		M10 x 57	40	60	0.5
11/4	1.660	300	649	0-1/32	25/8	43/4	13/4	2	3/8 x 21/4	30	45	1.3
32	42.2	20.7	2.89	0-0.79	67	121	44		M10 x 57	40	60	0.6
11/2	1.900	300	851	0-1/32	27/8	47/8	13/4	2	3/8 x 21/4	30	45	1.4
40	48.3	20.7	3.78	0-0.79	73	124	44	1000	M10 x 57	40	60	0.6
2	2.375	300	1,329	0-1/32	31/4	51/2	13/4	2	3/8 x 21/4	30	45	1.6
50*	60.3	20.7	5.91	0-0.79	83	140	44		M10 x 57	40	60	0.7
21/2	2.875	300	1,948	0-1/32	37/8	6	13/4	2	3/8 x 21/4	30	45	1.9
65	73.0	20.7	8.66	0-0.79	98	152	44	1	M10 x 57	40	60	0.9
3 O.D.	2.996	300	2,115	0-1/32	4	57/8	13/4	2	38 × 21/4	30	45	1.9
76.1	76.1	20.7	9.41	0-0.79	102	149	44		M10 x 57	40	60	0.9
3	3.500	300	2,886	0-1/32	41/2	63/4	13/4	2	3/8 x 23/4	30	45	2.1
80	88.9	20.7	12.84	0-0.79	114	171	44		M10 x 70	40	60	1.0
4	4.500	300	4,771	0-3/32	55/8	73/4	17/8	2	3/8 x 23/4	30	45	3.1
100	114.3	20.7	21.22	0-2.38	143	197	48		M10 x 70	40	60	1.4
51/2 O.D.	5.500	300	7,127	0-3/32	63/4	91/4	2	2	1/2 x 3	80	100	4.5
139.7	139.7	20.7	31.70	0-2.38	171	235	51		M12 x 76	110	150	2.0
5	5.563	300	7,292	0-3/32	67/8	91/4	2	2	½ x 3	80	100	4.6
125	141.3	20.7	32.44	0-2.38	175	235	51		M12 x 76	110	150	2.1
612 O.D.	6.500	300	9,955	0-3/32	73/4	1036	2	2	1/2 x 3	80	100	5.5
165.1	165.1	20.7	44.28	0-2.38	200	264	51		M12 x 76	110	150	2.5
6	6.625	300	10,341	0-3/32	77/8	103/8	2	2	½ x 3	80	100	5.5
150	168.3	20.7	46.00	0-2.38	200	264	51		M12 x 76	110	150	2.5
8	8.625	300	17,528	0-3/32	101/4	123/4	23/8	2	½ x 3	80	100	8.4
200*	219.1	20.7	77.97	0-2.38	260	324	60	100.00	M12 x 76	110	150	3.8

Range of Pipe End Seperation values are for roll grooved pipe and may be doubled for cut groove pipe. Other sizes available, contact an Anvil Representative for more information.

For additional details see "Coupling Data Chart Notes" on page 17.
" DN 50 and DN 200 sizes are VdS approved.

§ – For additional Bolt Torque information, see page 190.

See Installation & Assembly directions on page 158.



COTIZACION Nro. 200000460 Oficina Comercial y Almacén Ferreteria Industrial S.A RUC: CALZADA LARGA, EL CHUNGAL

Telf. 3681800

Fax:

Señores: 0005000786 INTEG PANAMA CORP. Dirección: CALLE 50 CON CALLE 54 SOHOMALL

R.U.C.: 2230765-1-777977DV 25

Forma de Pago:

Lugar de Entrega: CALLE 50 CON CALLE 54 SOH

Observaciones:

Emisión: 08/01/2016 Orden de Compra: Pagina No 1 de 1

Vendedor: ALBIS SOLANO

P. CODIGO	DESCRIPCION	PESO U.M.	CANT	UN	PRECIO	TOTAL NETO
1 2000006286	COUP/RIGIDO H/DUCTIL 2-1/2	0	653.000	UN	3,46	2.260,10
2 2000006287	COUP/RIGIDO H/DUCTIL 3	0	443.000	UN	4,03	1.783,30
3 2000006288	COUP/RIGIDO H/DUCTIL 4	0	603.000	UN	5,10	3.078,01
4 2000006290	COUP/RIGIDO H/DUCTIL 6	0	748.000	UN	9,50	7.108,62
5 2000006291	COUP/RIGIDO H/DUCTIL 8	0	647.000	UN	17,22	11.142,96
6 2000006292	COUP/RIGIDO H/DUCTIL 10	0	200.000	UN	30,92	6.183,50
					Sub-Total	31556.49
					ITBMS	2208.95
					Total	33.765,44

Teléfono: 398-3483

Fax: 6780-0852

Condiciones de Venta

-Pregunte a su Ejecutivo de Ventas, por nuestras tarifas de acarreo.

Tiempo de entrega de 3 días, no estibamos material.

No aceptamos efectivo. Pagos depositados en Ctas Corrientes a nombre de Feinsa en Banco General No. 03-01-01-001777-7 o Banistmo No 0100222620. Cheque certificado para montos arriba de US\$500.00.

Esta cotización tiene validez de 3 días.

No aceptamos devoluciones después de 8 días, ni reclamos sin factura original.

Tonelaje:

0,000

Observaciones de Posición:



Quote

Sales Order Number: 0003379

Order Date: 1/8/2016

Salesperson: DMR

Customer Number: 00-QUOTE

Sold To:

INTEG

PANAMA CITY - PANAMA, Confirm To: THOMAS

THOMAS RODRIGUEZ

Ship To:

INTEG

PANAMA CITY - PANAMA,

Customer P.O.	Ship VIA WILL ADVISE		O.B. CA MIAMI	Terms SEE BELOW			
Item Number	Unit	Ordered	Shipped	Back Order	Price	Amount	
* ITEM 1	EACH	653.00	0.00	0.00	14.0300	9,161.59	
	2-1/2" VICTAULIC STYLE 10	7N QUICKVIC COU	PLING W/ E GASKET		(5.60		
* ITEM 2	EACH	443.00	0.00	0.00	16.0800	7,123.44	
1121112	3" VICTAULIC STYLE 107N	QUICKVIC COUPLIN	IG W/ E GASKET		17.86		
TEM 3	EACH	603.00	0.00	0.00	22.5300	13,585.59	
	4" VICTAULIC STYLE 107N	QUICKVIC COUPLIN	IG W/ E GASKET				
ITEM 4	EACH	748.00	0.00	0.00	38.1800	28,558.64	
	6" VICTAULIC STYLE 107N	QUICKVIC COUPLIN	IG W/ E GASKET				
ITEM 5	EACH	647.00	0.00	0.00	60.1900	38,942.93	
2	8" VICTAULIC STYLE 107N	QUICKVIC COUPLIN	IG W/ E GASKET				
* ITEM 6	EACH	740.00	0.00	0.00	116.8000	86,432.00	

Net Order:	183,804.19				
Less Discount:	0.00				
Freight:	0.00				
SJ Sales Tax 1%:	0.00				
PR Sales Tax 6%:	0.00				
Order Total:	183,804.19				



Quote

Sales Order Number: 0003379

Order Date: 1/8/2016

Salesperson: DMR

Customer Number: 00-QUOTE

Sold To:

INTEG

PANAMA CITY - PANAMA,

Customer P.O.

THOMAS RODRIGUEZ

Ship VIA

WILL ADVISE

F.O.B.

FCA MIAMI

O.B.

Terms

PANAMA CITY - PANAMA,

Ship To:

INTEG

SEE BELOW

Item Number

Unit

Ordered

Shipped

Back Order

Price

Amount

10" VICTAULIC STYLE 107N QUICKVIC COUPLING W/ E GASKET

TIEMPO DE ENTREGA: 2-3 SEMANAS. A SER CONFIRMADO AL MOMENTO DE COLOCAR EL PEDIDO.

TERMINOS DE ENTREGA: FCA ENTREGADO A SU EMBARCADOR DESIGNADO EN MIAMI, FL

TERMINOS DE PAGO: NETO 30 DIAS HASTA UN MAXIMO DE \$25,000.00 USD. PARA MANEJAR EL MONTO TOTAL DEL PEDIDO, PODEMOS ORDENAR TODO Y HACER RELEASES PARCIALES DE \$25K EN \$25K PARA ASI PODER MANEJAR EL TERMINO DE PAGO SOBRE LA MARCHA.

EN CASO DE REQUERIR UN SOLO DESPACHO POR LA TOTALIDAD, LO PODEMOS MANEJAR DE LA SIGUIENTE MANERA:

- * \$25,000.00 USD NETO 30 DIAS
- * \$79,402.10 GARANTIZADOS CON CARTA DE CREDITO
- * \$79,402.09 POR ADELANTADO

MONEDA: USD

VALIDEZ: 30 DIAS

 Net Order:
 183,804.19

 Less Discount:
 0.00

 Freight:
 0.00

 SJ Sales Tax 1%:
 0.00

 PR Sales Tax 6%:
 0.00

 Order Total:
 183,804.19



FERGUSON INTL C/O PANAMA FEI 1598 1225 SCENIC HWY S FROSTPROOF, FL 33843-9201

Deliver To:

rossana.lagrotta@ferguson.com

From:

Rossana Alicia Lagrotta

Comments:

10:17:15 JAN 14 2016

FERGUSON PANAMA SA 1598

Price Quotation

Phone: 507-224-5678 Fax: 507-224-7783 Page # 1

Bid No.....: B182915

Bid Date: 01/13/16

Quoted By .: RAL

Cust

Terms...... NET 10TH PROX

Customer: INTEG PANAMA CORP

URB AR STA LIBRADA LOS FUNDADO PH TERRAZAS SAN FCO P10 OF1002

2230765-1-777977 DV25

PANAMA, PN

Ship To: INTEG PANAMA CORP

URB AR STA LIBRADA LOS FUNDADO PH TERRAZAS SAN FCO P10 OF1002

2230765-1-777977 DV25

PANAMA, PN

Cust PO#...:

Job Name: ACOPLES 107N

Item	Description	Quantity	Net Price	UM	Total
VL024107PEN	LF 2-1/2 PTD GRV COUP E GSKT 107N	653	19.620	EA	12811.86
VL030107PEN	LF 3 PTD GRV COUP E GSKT 107N	443	22.480	EA	9958.64
VL040107PEN	LF 4 PTD GRV COUP E GSKT 107N	603	31.510	EA	19000.53
VL060107PEN	LF 6 PTD GRV COUP E GSKT 107N	748	49.570	EA	37078.36
VL080107PEN	LF 8 PTD GRV COUP E GSKT 107N	647	80.470	EA	52064.09
VL100107PEN	LF 10 PTD GRV COUP E GSKT 107N	740	156.150	EA	115551.00

	COTIZACION VALIDA POR				
	15 DIAS A PARTIR DEL				
	14 DE ENERO DEL 2016				
	TIEMPO DE ENTREGA DE				
	2-3 SEMANAS LUEGO DE				
	PUESTA LA ORDEN DE COMPRA				
	MATERIAL NO RETORNABLE NI				
	CANCELABLE LUEGO DE				
	REALIZADO EL PEDIDO				

Net Total:

\$246464.48

Tax:

\$17252.52

Freight:

\$0.00

Total:

\$263717.00

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This quote is offered contingent upon the buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at Govt Buyers: All items are open market unless noted otherwise.