



ProTek U-Bolt Load (lbs.), Weight (lbs.), and Dimensions (in.) Data

Pipe Size	Rod Size A	Max. Normal Load		Weight	B	C	D	E	F
		650 F	750 F						
1/2	1/4	580	454	.11	15/16	1-3/16	2 3/4	2-1/8	2-5/16
3/4				0.12	1 1/8	1-3/8			2-7/32
1				0.12	1 3/8	1-5/8			2-3/32
1 1/4	3/8	1460	1144	0.28	1-11/16	2-1/16	2-7/8	2-1/2	2 1/32
1 1/2				0.30	2	2-3/8	3		2-1/16
2				0.33	2-7/16	2-13/16	3-1/4		2-1/16
2 1/2	1/2	2700	2114	0.73	2-15/16	3-7/16	3-3/4	3	2-5/16
3				0.78	3-9/16	4-1/16	4		2-1/4
4				0.90	4-9/16	5-1/16	4-1/2		2-7/32
5	5/8	4320	3382	1.00	5-5/8	6 1/8	5	3-1/2	2-13/16
6				2.00	6-3/4	7-3/8	6-1/8		3
8				2.30	8-3/4	9-3/8	7-1/8		3-1/4
10	7/8	8960	7016	4.90	10 7/8	11-5/8	8-3/8	4	3
12				7.70	12-7/8	12-3/4	9-5/8		3-1/4
14				8.30	14-1/8	15	10-1/4		3-1/4
16	1	11800	9240	9.20	16-1/8	17	11-1/4	4-3/4	3-5/8
18				13.50	18-1/8	19-1/8	12-5/8		
20				14.60	20-1/8	21-1/8	13-5/8		
24				16.90	24-1/8	25-1/8	15-5/8		
30				19.10	30-1/8	31-1/8	18-5/8		

**Part Number:**

APP ProTek **PB-04** U-Bolt designation Pipe Size

- Notes & Specifications:**
- Operating temperature -67F to 230F
  - U-bolt is hot dipped galvanized carbon steel (stainless steel available upon request)
  - ProTek Coating has high temperature and abrasion resistance, low coefficient of friction, and is UV stabilized
  - When the combination of normal and side loads occur, use a straight line interaction formula to determine if the u-bolt is within the allowable stress range :

$$P_n/P_{na} + P_s/P_{sa} \leq 1$$

$P_n$  = actual applied normal load  
 $P_{na}$  = allowable normal load for u-bolt  
 $P_s$  = actual applied side load  
 $P_{sa}$  = allowable side load for the u-bolt

ITEM	QTY	DESCRIPTION	MATERIAL
1	1	ProTek Coating	Medium wall cross-linked polyolefin lining
2	1	Standard U-Bolt	Carbon Steel (HDG)
3	4	Hex Nuts	Carbon Steel (HDG)

CUSTOMER: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 CO NAME: \_\_\_\_\_  
 CONTACT: \_\_\_\_\_  
 TEL. NO. \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 RFQ: \_\_\_\_\_  
 PO: \_\_\_\_\_  
 REF: \_\_\_\_\_

DWN. \_\_\_\_\_ DATE 4/30/15  
 CHK. \_\_\_\_\_  
 ENG. \_\_\_\_\_  
 APPR. \_\_\_\_\_  
 MFG. APP \_\_\_\_\_  
 SO. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**ADVANCED PIPING PRODUCTS**  
 5611 Guhn Road Houston TX, 77040  
 Tel. 713-956-2922 Fax 713-956-4090  
 www.appinc.co

DWG DESCRIPTION  
 ProTek U-Bolt

SIZE A PB0415 REV. 0  
 SCALE None SHEET 1 OF 1

NEXT ASSY	QTY
-----------	-----