

ProTek U-Bolt

TECHNICAL DATA SHEET



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PRODUCT NAME ProTek U-Bolt

USES Restrain the pipe while shielding it from metal-to-metal contact and rough abrasion

DESCRIPTION ProTek U-Bolts combine the strength and simplicity of a u-bolt with our advanced polymer technology.

FEATURES

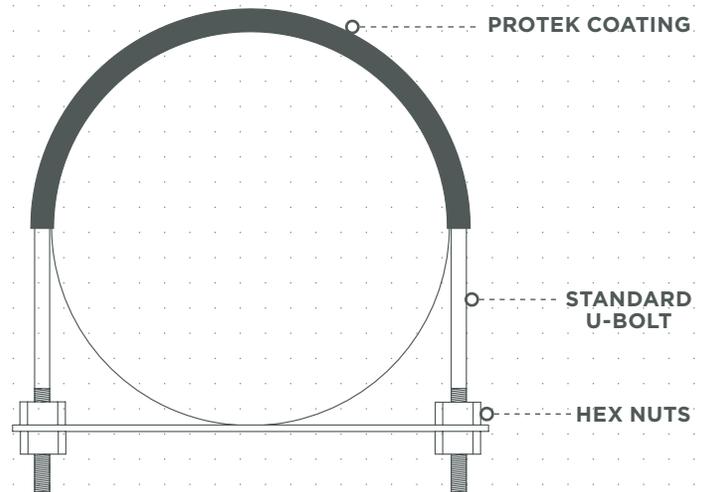
- » Thermoplastic, medium wall cross-linked polyolefin lining
- » UV-stabilized lining
- » High temperature resistance
- » High abrasion resistance
- » Low coefficient of friction, which protects the pipe coating
- » High strength

PROPERTIES

TENSILE STRENGTH¹	1,500 psi
ELONGATION¹	300%
HEAT SHOCK²	No cracking or flowing
LOW-TEMP FLEXIBILITY²	No cracking or flowing
FLUID RESISTANCE - HYDRAULIC FLUID (MIL-H-5606C)¹	90% retained strength
FLUID RESISTANCE - LUBRICATION OIL (MIL-L-7808G)¹	90% retained strength
FLUID RESISTANCE - DIESEL FUELS (MIL-L-23699)¹	90% retained strength
OPERATING TEMPERATURE	-67°F to 230°F

¹ ASTM D412

² ASTM D2671



LOADS

Pipe Size (IN)	Rod Size (IN)	Max. Normal Load (LBS)		650°F Max. Side Load (LBS)
		650°F	750°F	
1/2	1/4	580	454	145
3/4				
1				
1 1/4	3/8	1,460	1,144	365
1 1/2				
2				
2 1/2	1/2	2,700	2,114	675
3				
4				
5				
6	5/8	4,320	3,382	1,080
8				
10				
12	3/4	6,460	5,060	1,615
14				
16				
18	7/8	8,960	7,016	2,490
20				
24				
30				
	1	11,800	9,240	-