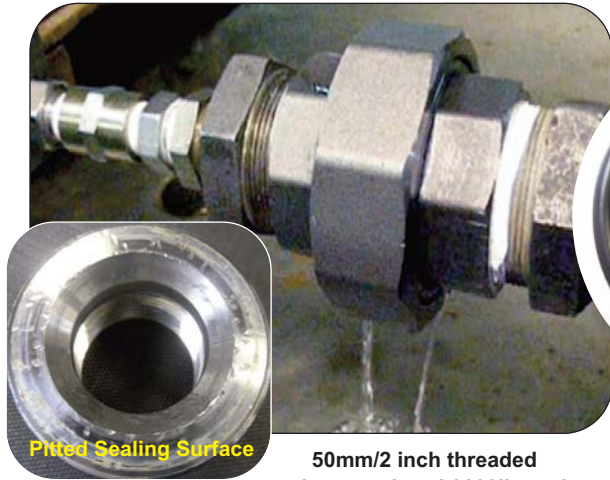


Thorburn Retrofit Seals are specifically designed to solve union leak problems caused by sealing surfaces that are pitted, scratched or rusted by changing the metal-to-metal seal to an O-Ring seal (like a hydraulic fitting).



Pitted Sealing Surface

50mm/2 inch threaded metal-to-metal seal 3000lbs union (leaking at 0 psi / 0 bar)

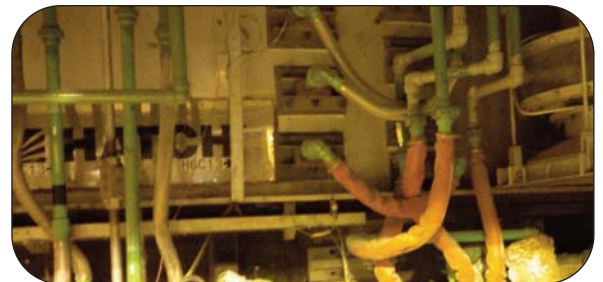
“Thorburn Retrofit Seals™ Stops Leaking Unions”



The same union with Thorburn Retrofit Seal installed (Not leaking when hand tightened to 5500 psi / 367 bar)

Features & Benefits:

- Fits MSSPC-83, 3000 lbs (200 bar), 300lbs (20 bar), 150 lbs/10 bar unions.
- Retainer ring plated steel or 316SS
- O-Ring material BUNA N, Fluorocarbon



Thorburn Retrofit Seal installed on the unions at the Koniambo New Caledonia jobsite eliminating leakage

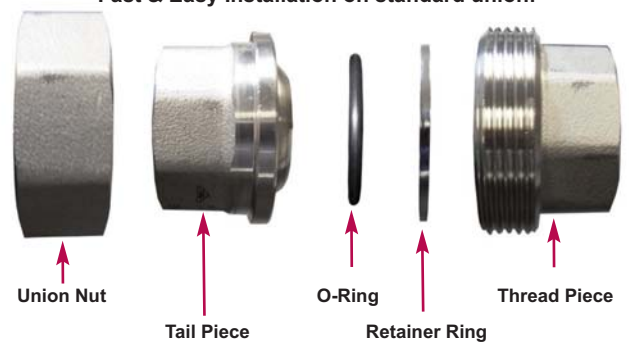
Thorburn Retrofit Seal Assembly

Fast & Easy Installation on standard union!

SIZE	Union Type	Union Material	O-Ring Material**
16 (1")*	1 = 3000 lbs *	CS = CARBON	D = BUNA N *
20 (1 1/4")	2 = 6000 lbs	STEEL*	I = FLUOROCARBON (VITON)
24 (1 1/2")	3 = 300 lbs	S4 = 304SS	Z = OTHER (Specify)
32 (2")	4 = 150 lbs	S6 = 316SS	
40 (2 1/2")	X = OTHER (Specify)	YY = OTHER (Specify)	
64 (4")			

* Standard Product

** In all cases, retainer ring will be same material as union to prevent galvanic corrosion



How to Order Thorburn Retrofit Seals™

Thorburn Part Number (example)

TRS-32-1-CS-D

TRS=Thorburn Retrofit Seal

32=2 Inch Ring Size

1=3000 lbs Union Type

CS=Carbon Steel Union Material

D=BUNA N O-Ring Material



THORBURN FLEX INC

165 Oneida, Pointe-Claire, Qc
Canada, H9R 1A9

Tel: +1-514-695-8710

Fax: +1-514-695-1321

sales@thorburnflex.com

www.thorburnflex.com