TEADIT® Fluid Sealing Products for Power Generation Boilers

Power Generation Boilers

This Flow Chart for Power Generation Boilers will help you to select the exact TEADIT® fluid sealing and thermal insulation products best suited for your specific requirements.

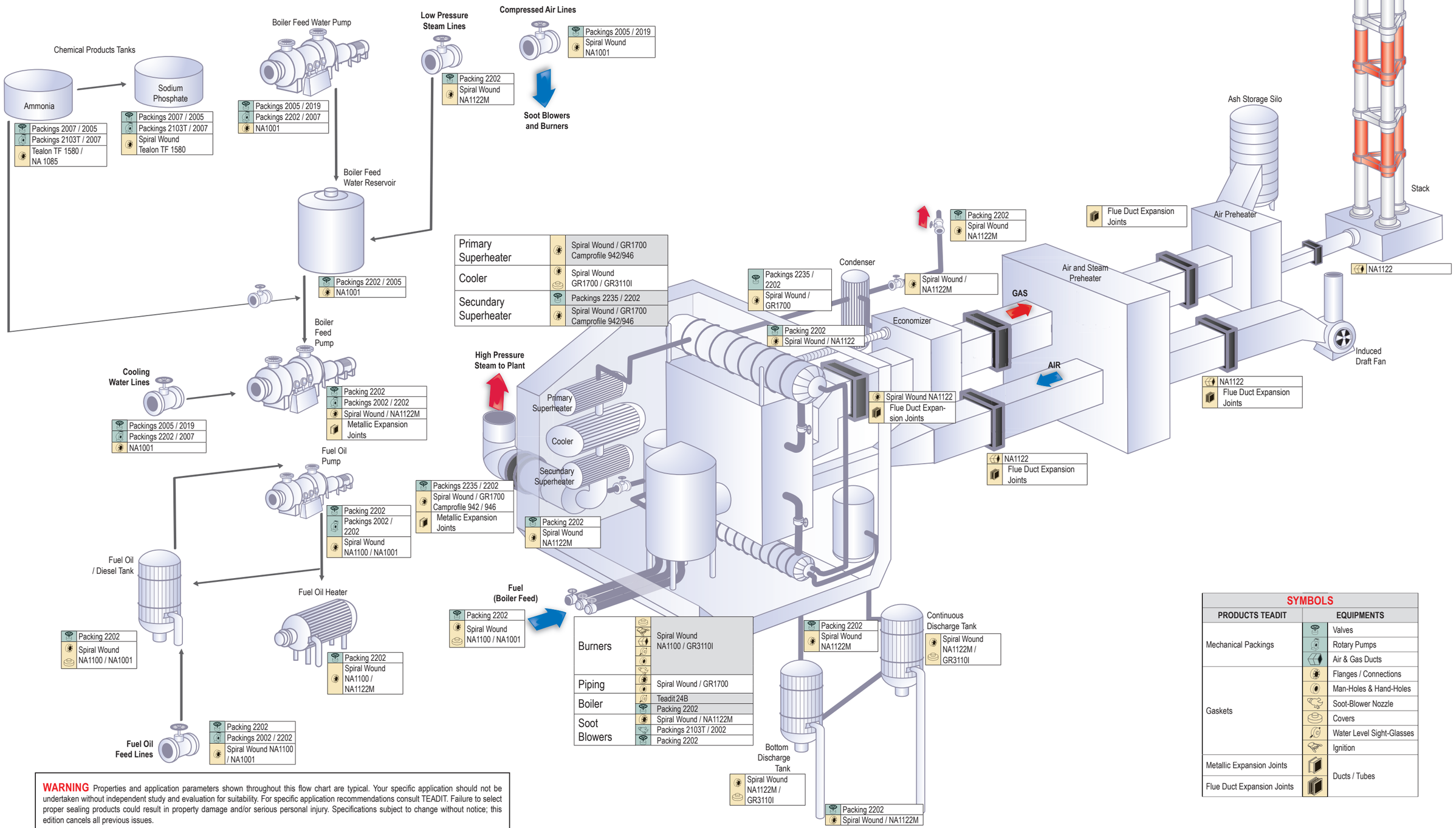
The recommended TEADIT® products render outstanding performance thereby reducing downtime and maintenance costs.

TEADIT®

Sealing for a Safer and Greener Tomorrow

TEADIT® SEALING PRODUCTS FOR USE IN POWER GENERATION BOILERS

The products recommended by TEADIT® in this Chart represent the latest worldwide generation in fluid sealing technology and are intended to render a better performance with a minimum quantity of items in stock. Contact our Technical staff to assist you on the use of our products and solving your fluid sealing problems. **E-mail: engineering@teadit.com**



WARNING Properties and application parameters shown throughout this flow chart are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications subject to change without notice; this edition cancels all previous issues.

SYMBOLS	
PRODUCTS TEADIT	**EQUIPMENTS**
Mechanical Packings	Valves
	Rotary Pumps
	Air & Gas Ducts
Gaskets	Flanges / Connections
	Man-Holes & Hand-Holes
	Soot-Blower Nozzle
	Covers
	Water Level Sight-Glasses
	Ignition
Metallic Expansion Joints	Ducts / Tubes
Flue Duct Expansion Joints	

Recommended Teadit Products Chart for Power Generation Boilers

FLUIDS	EQUIPMENTS	TEADIT PRODUCTS				
		Packings / Tapes			Gaskets	
		Application	1ª option	2ª option	1ª option	2ª option
Ammonia	Chemical Product Tank		2007	2005	Tealon TF 1580	NA 1085
			2103T	2007		
Sodium Phosphate	Chemical Product Tank		2007	2005	Spiral Wound	Tealon TF 1580
			2103T	2007		
Potable Water	Boiler Feed Water		2005	2019	NA1001	
Potable Water	Cooling Water		2202	2007		
Low Pressure Steam	Low Pressure Steam Lines		2202	–	Spiral Wound	NA1122
Compressed Air	Service Air Lines		2005	2019	Spiral Wound® NA1001	
Potable Water	Boiler Feed Water Reservoir		2202	2005	NA1001	
Potable Water	Boiler Feed Pump		2202	–	Spiral Wound / NA1122M Metallic Expansion Joints	
			2002	2202		
Fuel Oil	Fuel Oil Pump		2202	–	Spiral Wound NA1100 / NA1001	
Fuel Oil	Fuel Oil Feed		2002	2202		
Fuel Oil	Fuel Oil Tank / Diesel		2202	–	Spiral Wound NA1100 / NA1001	
Fuel Oil / Low Pressure Steam	Fuel Oil Heater		2202	–	Spiral Wound / NA1122M / NA1100	
Fuel Oil / Gas	Burner		–		Spiral Wound / NA1100 / GR3110I	
High Pressure Steam	High Pressure Steam Lines		–		Spiral Wound / GR1700	
Stack Gas	Boiler		2202	–	Teadit 24B	
			–			
Medium Pressure Steam	Soot Blowers		2202	–	Spiral Wound	NA1122
			2103T	2200		
Fuel	Oil (Boiler Feed)		2202	–	Spiral Wound / NA1100 / NA1001	
Steam / Condensate	Continuous Discharge Tank		–		Spiral Wound / NA1122M / GR3110I	
Condensate	Tank of Bottom Discharge					
Saturated Steam	Primary Superheater		–		Spiral Wound Camprofile 942/946/ GR1700	
Saturated Steam	Cooler		–		Spiral Wound / GR1700 / GR3110I	
Superheater Steam	Secondary Superheater		2235	2202	Spiral Wound / GR1700 Camprofile 942/946	
Saturated Steam	Condenser		2235	2202	Spiral Wound	GR1700
Water Feed / Stack Gases	Economizer		2202	–	Spiral Wound	NA1122
Air and Stack Gases	Air & Gas Ducts		–		NA1122 Flue Duct Expansion Joints	

Symbols: Rotary Pumps · Valves · Air & Gas Ducts · Soot-Blower Nozzle

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REMARKS

1 - For each application the specification was done for two styles of products. The first one considers economic choose and the second better performance; 2 - For packing installation procedure instructions please see the FSA/ESA Pumps and Valve Packing Installation Procedure; 3 - For gasket installation please see the FSA/ESA Gasket Installation Procedure.

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