

TEADIT® FLUID SEALING PRODUCTS FOR POWER GENERATION BOILERS



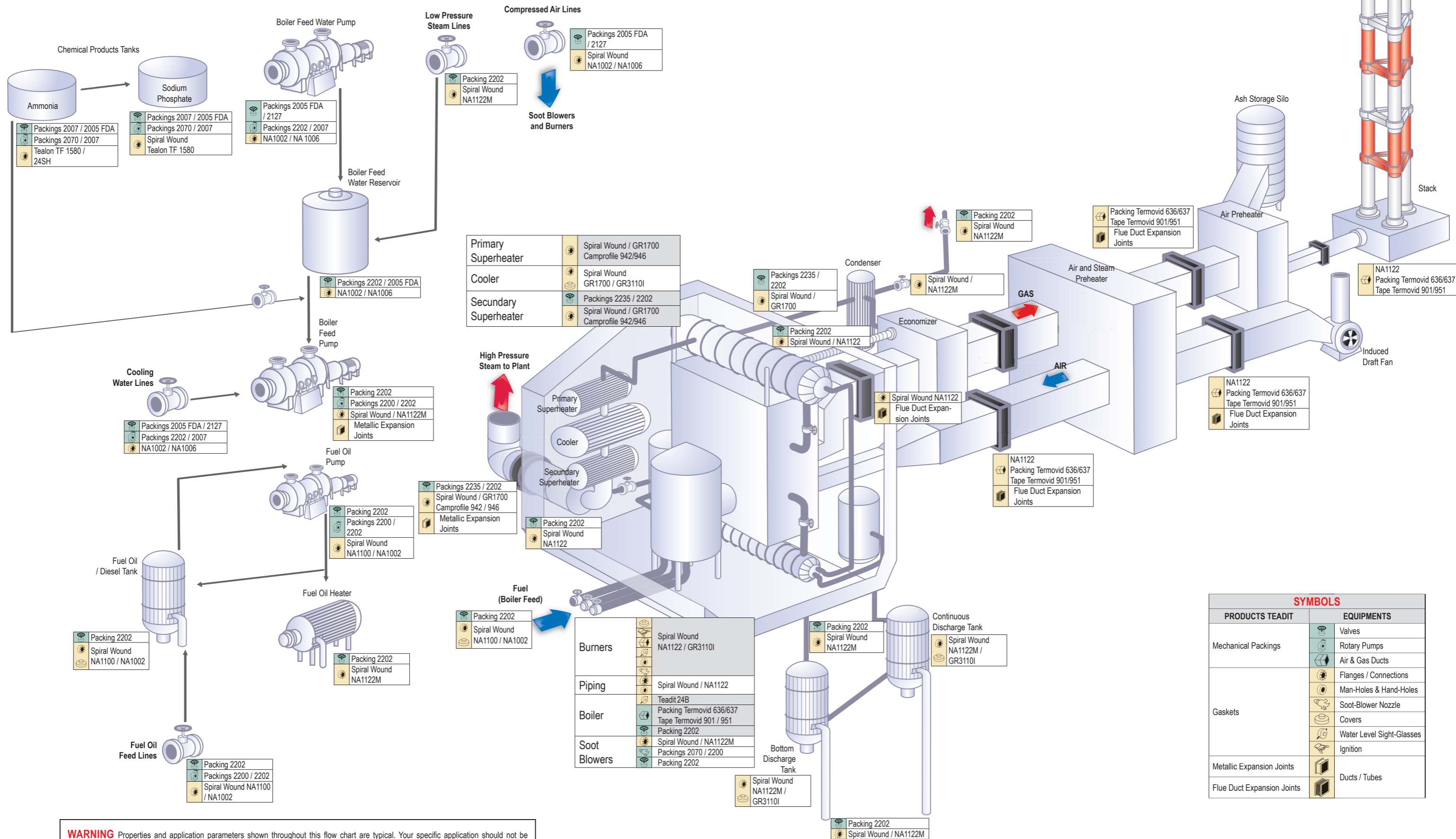
POWER GENERATION BOILERS

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.



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.eu



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	
Flue Duct Expansion Joints	Ducts / Tubes

Recommended Teadit Products Chart for Power Generation Boilers

FLUIDS	EQUIPMENTS	TEADIT PRODUCTS				
		Packings / Tapes			Gaskets	
		Application	1 ^a option	2 ^a option	1 ^a option	2 ^a option
Ammonia	Chemical Product Tank		2007	2005 FDA	Tealon TF 1580	24SH
			2070	2007		
Sodium Phosphate	Chemical Product Tank		2007	2005 FDA	Spiral Wound	Tealon TF 1580
			2070	2007		
Potable Water	Boiler Feed Water		2005 FDA	2127	NA1002	NA1006
Potable Water	Cooling Water		2202	2007		
Low Pressure Steam	Low Pressure Steam Lines		2202	–	Spiral Wound	NA1122
Compressed Air	Service Air Lines		2005 FDA	2127	Spiral Wound NA1002 / NA 1006	
Potable Water	Boiler Feed Water Reservoir		2202	2005 FDA	NA1002	NA1006
Potable Water	Boiler Feed Pump		2202	–	Spiral Wound / NA1122 Metallic Expansion Joints	
			2200	2202		
Fuel Oil	Fuel Oil Pump		2202	–	Spiral Wound NA1100 / NA1002	
Fuel Oil	Fuel Oil Feed		2200	2202		
Fuel Oil	Fuel Oil Tank / Diesel		2202	–	Spiral Wound NA1100 / NA1002	
Fuel Oil / Low Pressure Steam	Fuel Oil Heater		2202	–	Spiral Wound / NA1122 / 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	
			Packing Termovid 636/637	Tape Termovid 901/951		
Medium Pressure Steam	Soot Blowers		2202	–	Spiral Wound	NA1122
			2070	2200		
Fuel	Oil (Boiler Feed)		2202	–	Spiral Wound / NA1100 / NA1002	
Steam / Condensate	Continuous Discharge Tank		–		Spiral Wound / NA1122 / GR3110I	
Condensate	Tank of Bottom Discharge					
Saturated Steam	Primary Superheater		–		Spiral Wound GR1700 / Camprofile 942/946	
Saturated Steam	Cooler		–		Spiral Wound / GR1700 / GR3110I	
Superheater Steam	Secondary Superheater		2235	2202	Spiral Wound / NA1122 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		Packing Termovid 636/637	Tape Termovid 901/951	NA1122 Flue Duct Expansion Joints	

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

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.