



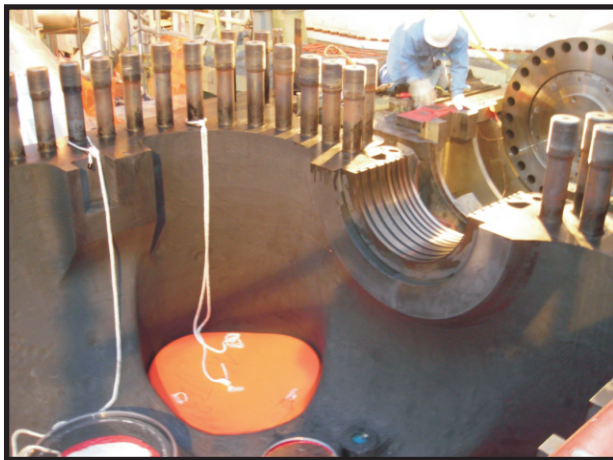
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Foreign Material Exclusion

**PROVEN TO IMPROVE
QUALITY AND SAVE TIME**



PL 24 surrounded by a special donut sponge.



A PL 34 shown in a turbine shell.

A LPL 8 -
new F.M.E.
orange
laminate
increases
durability &
flexibility.



NUCLEAR SAFE-T-SPONGES®

- all components of nuclear qualified Safe-T-Sponges® are under 350 ppm total halogens
- Available from 1"(25mm) through 4"(108 mm) diameters (NPL 1- NPL 4) see chart on back for sizes
- NPL 1 through NPL 4 (25 - 108 mm) are nuclear qualified, standard with flame resistant laminate
- PL 5 through PL 50 available nuclear qualified
- Flame resistant laminate available PL 5 through PL 50

STANDARD SAFE-T-SPONGES®

- Available from 1" through 50" diameter (PL 1 through PL 50)
- PL 1 through PL 4 standard with flame resistant laminate
- Flame resistant laminate optional PL 5 through PL 50
- PL 1 through PL 4 standard with X-ray visible tips

LAMINATED SAFE-T-SPONGES®

- F.M.E. orange color < 25 ppm total halogens
- Flammability of laminated surface GWFT 750° C/ 1382° F (per IEC 60695 2-12)
- Laminate standard for small sponges NPL 1-4, PL 1-4, optional PL 5 - 50 and custom sizes

CUSTOM SAFE-T-SPONGES®

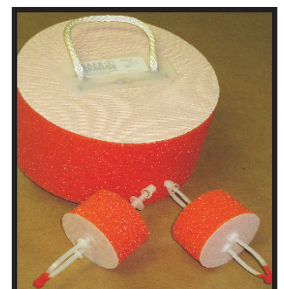
- LP port, doughnut and a large range of custom sizes available for nuclear or fossil applications
- Quick turnaround from e-mailed drawings
- Flame resistant laminate available

CLEANING SAFE-T-SPONGES®

- PL 1 C through PL 4 C used for sounding and cleaning boiler tubes
- Tested and used by boiler tube OEM's
- Inexpensive and reliable

RFID SAFE-T-SPONGES®

- Radio Frequency Identification sponges available for inventory control
- a pre-written chip is inserted on sponge and can be tracked with a special reader
- RFID requires rental of a reader, computer and software
- non stock item - special order



A RFID LPL 8 shown with a couple of NPL 2.5's - all with RFID chips

Safe-T-Sponge® O.D. size US MM		Standard Part #	Nuclear Part #	Laminated Part #	RFID Part #	Cleaning /Sounding Part #
1"	25	PL 1*	NPL 1**	* parts PL 1- PL 4 come standard with flame resistant laminate ** parts NPL 1- NPL 4 come standard with flame resistant laminate	Part # for RFID - add suffix to stand- ard, nuclear, or laminated examples- PL 1 RFID NPL 4 RFID LPL 20 RFID	PL 1 C
1.25"	32	PL 1.25*	NPL 1.25**			PL 1.25 C
1.5"	38	PL 1.5*	NPL 1.5**			PL 1.5 C
2.25"	57	PL 2*	NPL 2**			PL 2 C
2.75"	70	PL 2.5*	NPL 2.5**			PL 3 C
3.25"	83	PL 3*	NPL 3**			PL 4 C
4.25"	108	PL 4*	NPL 4**			available all sizes except PL C's RFID require rental of reader, computer and software.
5"	127	PL 5	PL 5	LPL 5		
6"	152	PL 6	PL 6	LPL 6		
8"	203	PL 8	PL 8	LPL 8		
10"	254	PL 10	PL 10	LPL 10		
12"	310	PL 12	PL 12	LPL 12		
14"	354	PL 14	PL 14	LPL 14		
16"	406	PL 16	PL 16	LPL 16		
18"	457	PL 18	PL 18	LPL 18		
20"	508	PL 20	PL 20	LPL 20		
22"	560	PL 22	PL 22	LPL 22		
24"	610	PL 24	PL 24	LPL 24		
26"	660	PL 26	PL 26	LPL 26		
28"	710	PL 28	PL 28	LPL 28		
30"	762	PL 30	PL 30	LPL 30		
32"	813	PL 32	PL 32	LPL 32		
34"	864	PL 34	PL 34	LPL 34		
36"	915	PL 36	PL 36	LPL 36		
38"	965	PL 38	PL 38	LPL 38		
40"	1016	PL 40	PL 40	LPL 40		
42"	1067	PL 42	PL 42	LPL 42		
44"	1120	PL 44	PL 44	LPL 44		
46"	1170	PL 46	PL 46	LPL 46		
48"	1220	PL 48	PL 48	LPL 48		
50"	1270	PL 50	PL 50	LPL 50		

**SAFE-T-
SPONGE**

US Patents 6506014 6824356
7533698 other patents pending



"We keep debris out"™



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