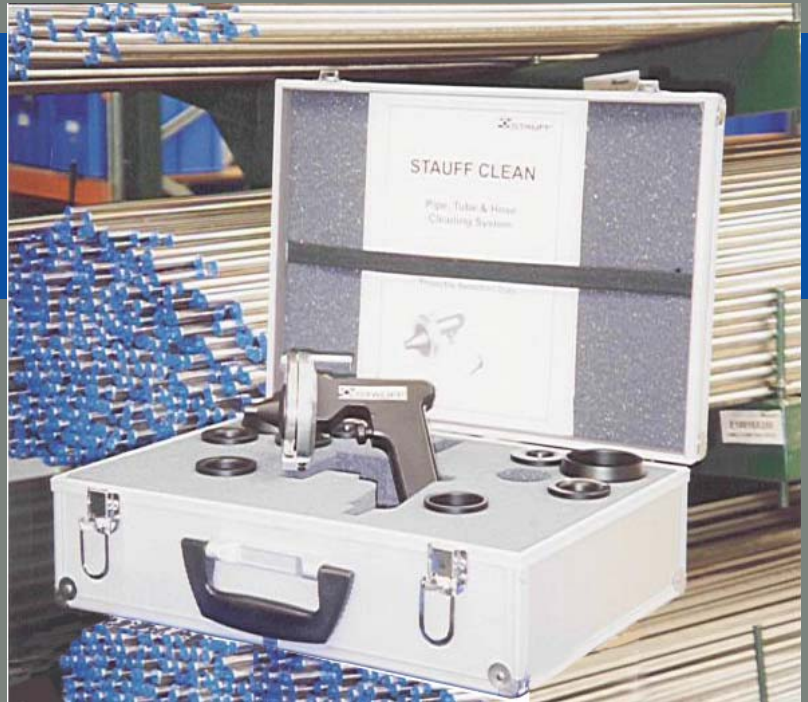


STAUFF



Quality
Endorsed
Company
ISO 9002 Lic 3765
Standards Australia



STAUFF CLEAN

Pipe, Tube & Hose Cleaning System

Quality and Service
worldwide

STAUFF CLEAN – SAVES TIME, SAVES COSTS.

The essential tool for all pipe fabricators and hose assemblers involved with:

HYDRAULICS – FOOD PROCESSING – FUEL LINES – CHEMICAL PLANTS – ETC.

THE SYSTEM – The Stauff Clean System provides a simple and low cost solution for the removal of contaminant from the inside surfaces of Pipes, Tubes and Hoses.

All manner of pipework configurations in the normal size range of 6mm to 60mm can be handled by the Stauff Clean System regardless of pipe length, type of fittings or components. Change of direction through tees, elbows, etc., of up to 90° can be accommodated by the projectiles.

THE PROJECTILE – The Stauff Clean System works on the principle of propelling foam pellets or projectiles of varying density and texture through pipework at very high velocities while maintaining sufficient contact with the inside surface to remove unwanted contaminant.

THE FORCE – The propelling force for the projectile is produced by standard industrial compressed air (7 bar/100 psi) via a lightweight, pistol-grip Launcher. This provides a safe and environmentally-friendly tool that requires little formal expertise to operate and apply.

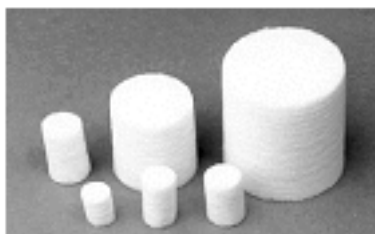
PERFECT PRE-CLEANING PARTNER – Pipework fabricators will find that the Stauff Clean System provides the perfect partner, as a pre-cleaning device, to dramatically reduce flushing times when preparing pipework to meet predetermined cleanliness specifications.

THE PROCESS – A variety of projectiles are available to suit the degree and type of contaminant likely to be experienced and these can be varied during the cleaning process as required. Projectiles can be visually inspected after use to determine the remaining cleanliness level and the need for further application. For good housekeeping and safe operation, a mesh projectile collection bag should be secured to the pipe exit.

Selection of projectiles and attachment nozzles is made simple by the easy reference selection charts provided on the adjoining pages.

The Stauff Clean System is available as separate components or in a variety of Kit forms comprising various nozzle types, adaptor and launcher, all contained in a heavy duty carrying case.

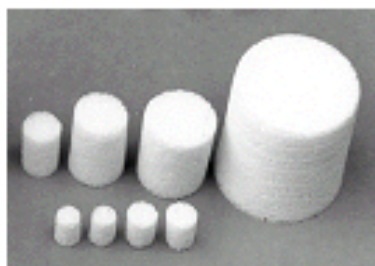
Four Styles of Projectiles



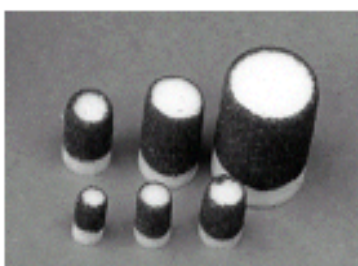
(S) Standard Series
- for the cleaning of
hose, tube or pipe
without end fittings



(A) Abrasive Series
- for the cleaning of
metal tube and pipe
to remove light rust
and scale



(C) Coupling Series
- for the cleaning of
hose assemblies
(hose with end
fittings) or the re-
moval of loose
particles from tube or
pipe



(G) Grinding Series
- to remove heavier
rust and buildup.
**These are available
on special order.**

PROJECTILE & NOZZLE SELECTION

To exploit the maximum cleaning capability of the system, careful selection of the nozzle and projectile is important. The nozzles are selected to suit the tube or hose end fitting and apart from the Universal Nozzles, there are specific nozzle sets for JIC, BSP, and Metric fittings. The Universal Nozzle is suitable for almost any thread type or hose or tube end.



The projectile selection will depend on what fittings, if any, are attached to the tube or hose and the degree of contamination. As a guide, users should select from the charts below with respect to fittings and contaminant. As a general rule, projectiles should be approximately 15% larger in diameter than the internal diameter of the pipe of hose.

For optimum cleaning, it is recommended that projectiles are used once and then discarded.

Safety Note. A mesh collection bag should be secured to the pipe exit to avoid possible injury to personnel by the projectile exiting at high velocity.

SELECTION CHARTS

Table No.1
For Hose and Tube

Hose or Tube Size		Nozzle	Projectile Size Range	
Inches I.D.	Metric O.D.		Universal Style	No End Fittings
1/4"	6 mm	UV06	TCS07 to TCS10	TCC07 to TCC09
5/15"	8 mm	UV08	TCS10 to TCS12	TCC10 to TCC12
3/8"	10 mm	UV10	TCS12 to TCS14	TCC12 to TCC14
1/2"	13 mm	UV13	TCS16 to TCS18	TCC14 to TCC16
5/8"	16 mm	UV16	TCS18 to TCS22	TCC18 to TCC20
3/4"	19 mm	UV19	TCS22 to TCS24	TCC20 to TCC22
1"	25 mm	UV25	TCS30 to TCS33	TCC30 to TCC33
1 1/4"	32 mm	UV32	TCS36 to TCS40	TCC36 to TCC40
1 1/2"	38 mm	UV38	TCS45 to TCS50	TCC40 to TCC50
2"	50 mm	UV50	TCS55 to TCS60	TCC55 to TCC60

Table No. 2
For Pipe – steel or plastic, etc.

Pipe Size			Nozzle	Projectile Size Range	
Inch N.B.	Inch O.D.	Metric O.D.		Sch. 40 Pipe without fittings	Sch. 80 pipe without fittings
1/4"	0.540"	13.7mm	UV06	TCS12 to TCS14	TCS09 to TCS10
3/8"	0.675"	17.1 mm	UV10	TCS14 to TCS16	TCS12 to TCS14
1/2"	0.840"	21.3 mm	UV13	TCS18 to TCS22	TCS16 to TCS20
3/4"	1.050"	26.7 mm	UV19	TCS26 to TCS30	TCS22 to TCS26
1"	1.315"	33.4 mm	UV25	TCS33 to TCS36	TCS24 to TCS30
1 1/4"	1.660"	42.2 mm	UV32	TCS40 to TCS45	TCS36 to TCS40
1 1/2"	1.900"	48.3 mm	UV38	TCS50	TCS45 to TCS50
2"	2.375"	60.3 mm	UV 50	TCS60	TCS60

Launcher Kits and Nozzle Sets

LK1	Launcher Kit without nozzles in carry case
10UV-K	Launcher Kit complete with 10 Universal Nozzles in carry case
18MT-K	Launcher Kit complete with 18 Metric Tube Nozzles in carry case
10J-K	Launcher Kit complete with 10 JIC Nozzles in carry case
7B-K	Launcher Kit complete with 7 BSP Nozzles in carry case
10UV-S	Universal Nozzles, Set of 10
18MT-S	Metric Tube Nozzles, Set of 18
10J-S	JIC Nozzles, Set of 10
7B-S	BSP nozzles, Set of 7
UV-AR	Adaptor Ring



A 10UV-K Kit is shown with the launcher and the nozzles in a convenient carry case.

Single nozzles are available in standard pipe sizes.

Projectiles

Size mm	Qty per bag	Standard Projectile Part No.	Coupling Projectile Part No.	Abrasive Projectile Part No.
7	100	TCS07	TCC07	TCA07
10	100	TCS10	TCC10	TCA10
12	100	TCS12	TCC12	TCA12
14	100	TCS14	TCC14	TCA14
16	100	TCS16	TCC16	TCA16
18	100	TCS18	TCC18	TCA18
20	100	TCS20	TCC20	TCA20
22	100	TCS22	TCC22	TCA22
26	50	TCS26	TCC26	TCA26
30	40	TCS30	TCC40	TCA40
33	40	TCS33	TCC33	TCA33
36	30	TCS36	TCC36	TCA36
40	30	TCS40	TCC40	TCA40
50	20	TCS50	TCC50	TCA50
60	15	TCS60	TCC60	TCA60



Selection of projectiles depends on the tube or hose assembly and the degree of contamination.

Material Specifications

Launcher Handle - Acetal
 Nozzles - Acetal
 Retaining Ring - Stainless Steel
 Latch and Face Plate - Aluminium
 O-Ring - Neoprene

Projectiles - Polyurethane foam

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