

Hose and Tube Cleaning

FFPL32 / FFPL50

Decontamination of hoses and tubes by pneumatic launch of foam projectiles

Cleanliness of hydraulic circuits has become a major concern for all hydraulic professionals. A clean hydraulic circuit will increase the life expectancy of the equipment and components, in particular as the warranty to have a clean hydraulic system will protect the pump and sensitive hydraulic components such as proportional valves. Debris in the hydraulic circuits can also have major financial consequences in case of machine breakdowns.

Tubes and hoses are one of the components that can bring contamination into the circuit, in particular after the hose cutting and skiving process or deburring for tubes. The FFPL Cleaning Kit is an easy and portable solution to make sure your hoses and tubes are free of contamination.

How it works: A pneumatic gun shoots a foam projectile at high speed through the hose or tube. The foam projectile being slightly larger than the hose or tube ID, it will evacuate all debris or dust encountered on its way.

Various types of foam can be used for different applications. Universal foam pellets (MPP) will be used for hoses and tubes with no ends and with limited amount of debris. Special Tube pellets with grinding and abrasive material are also available for tubes with heavier particles or cross sections. FFPL kits are available in 2 versions: FFPL32 for hose decontamination from size 3/16" up to 1 1/4", FFPL50 for hose decontamination for 3/16" up to 2".

Additional nozzles (e.g. for metric tubing), tools and projectiles are available for applications up to 4".



TECHNICAL SPECIFICATION

Capacity:	Hose decontamination: 3/16" - 2" with FFPL50-10N Hose and Tube decontamination: 2" with FFPL50-23N
FFL32-8N:	Complete set including 1 1/4" Eco launcher and a range of 8 hose nozzles to over decontamination of hoses without ends on from 3/16" to 1 1/4"
FFPL50-10N:	Complete set including 2" launcher and a range of 10 hose nozzles to cover decontamination of hoses without ends on from 3/16" to 2"
FFPL50-23N:	Complete set including 2" Launcher, Adapter ring and a range of 23 nozzles to cover decontamination of the following hose and pipe types and sizes: -HOSE with no ends (1/4" - 2"): H06,08,10,13,16,19,25,32,38,50 -JIC ASSEMBLIES (1/4"-2"): J06,10,13,16,19,25,32,38,50 -FFORX ASSEMBLIES (-4 to -20)- HYDRAULIC TUBES (Imperial 1/4" - 2") : T06,08,10,13,16,19,22,25,32,38,50
Compressed air:	Connection to dry air .5 bar - 7.5 bar Flow: 1.6 m3/min) Quick coupling 1/2" delivered with the set
Projectiles:	Various style of projectiles are available (Standard, Tube, Abrasive, Grinding) For hoses : Multipurpose Projectiles are recommended (MPP) and available in starter kits (1 bag of projectile per hose size)
Recommendation:	OD of multipurpose projectiles should be 20% larger than hose ID