

## **Pulsation Damper, Plastic PolyProp., Bladder Gas Bag, Low Pressure**

Typical "Pig Plas-PP" Series Pulsation Damper, & options. Poly-Prop. Plastic wetted parts + EP, Nitrile, Hypalon, Fluorel etc gas bags often specified for ferric chloride water treatment systems and at greater than 150 psi for LP chemical metering.

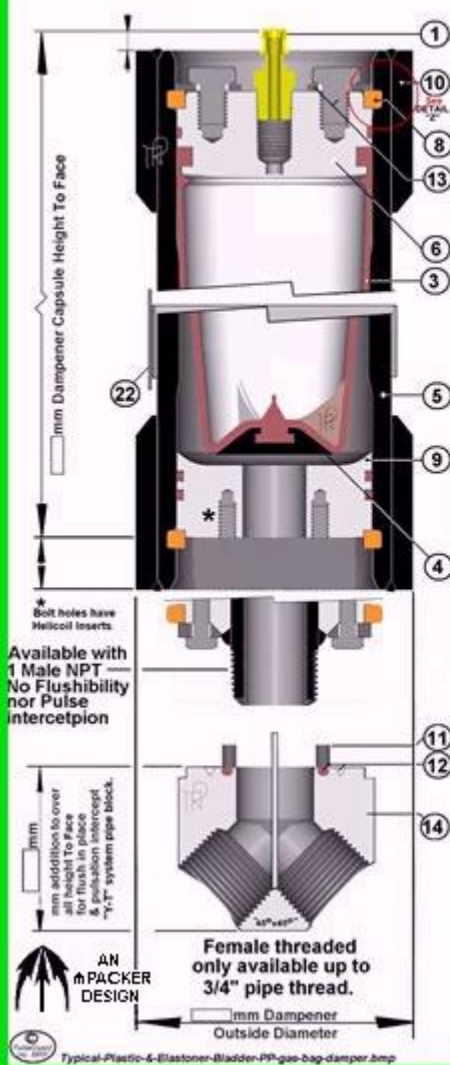
The PULSEGUARD pulsation damper PIPEGUARD range availability from plastics have reinforced ends to their housing which enable use at either higher pressure or higher temperatre than typical plastic pulsation damper applications. Porting for flow-through in place flushing and mounting on convenient piping base blocks is also shown.

[Click the image below for a PDF version.](#)

# "PIPEGUARD Plus PP" by PULSEGUARD & B

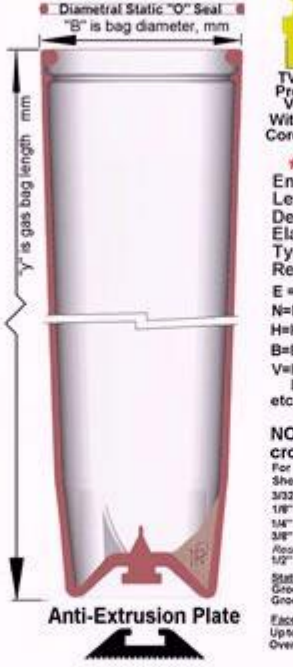
Since 1965

Typical "Pig Plas-PP" Series Pulsation Damper, & options.  
Poly-Prop. Plastic wetted parts + EP, Nitrile, Hypalon, Fluorel etc gas bags.



A full Spares Kit consists of :

Pt Nbr. SK/B..... y..... \*



TV 400 Pre-Fill Valve With Pin Core 6055

Enter Letters Denoting Elastomer Typer Required

E = EPT/EPDM  
N=Nitrile  
H=Hypalon  
B=Butyl  
V=Fluoro Elastomer etc.

NOTE: "O" Ring cross sections

For units with Plastic Bodies

Shore "A" IRH 50

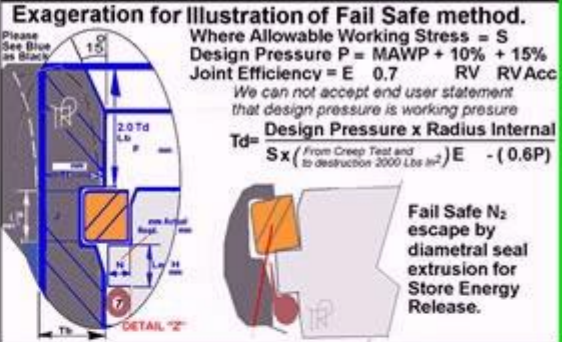
3/32" Nom. 20mm ID to 26mm ID  
1/8" Nom. 44mm ID to 65mm ID  
1/4" .. 70mm ID to 220mm ID  
3/8" .. 221mm ID to 310mm ID  
Reserved for JOT-PLAS Sup-PLAS 1/2" .. mm ID to mm ID

Static Diametral Seal Grooves:  
Groove depth 70% actual section  
Groove width 1.5 x actual section

Face "O" Seals Shore "A" IRH 70  
Up to 25mm flow hole 3/32" section  
Over 25mm 1/8" (0.139" 3.5mm)

PED CONFORMITY  
DECLARATION as required by the PED ESSENTIAL SAFETY REQUIREMENTS "ESR" state of 2 design, under 2.1 the use of "SAFETY COEFFICIENTS". As Euro Norm 958, and harmonized pressure vessel code 1346 do not have given safety coefficients to apply, NO ONE complies with ESRs. Above statement applies to us also. Any documents of conformity issued particularly to ISO 9001:2008 holders by "Notified Bodies", must be a fraud. ALL Dampers are NCM-COMPROMISS

PulseGuard "Y-T" block, best flanging to system. In place of System "T", better flushing, & intercepts Pressure wave pulsation. Plain end, for socketing



| Item Nbr | Description / function                          | Internal "Heat/Cast No" PURCHASE No |
|----------|---|-------------------------------------|
| 22       | Stainless Data Plate on stainless banding.      |                                     |
| 14       | "PB 45°x45°" machined from PP Bar.              |                                     |
| 13       | Retaining Plate & Retaining bolts               |                                     |
| 12       | Face "O" seal with escape groove                |                                     |
| 11       | Socket Head Cap Screws, 4 Places. Diam. Lgth UH |                                     |
| 10       | PP Sleeve Melt Welded, Pipe Mouth Re-inforce    |                                     |
| 9        | Liquid End Plug PVC, Face sealing.              |                                     |
| 8        | Lock Ring, tamper-proof, 3 segments of circle.  |                                     |
| 7        | "head plug" - static diametral seal "O" ring    |                                     |
| 6        | End Closure / "head plug" - Gas End Plug        |                                     |
| 5        | Seamless Body PVC Pipe.                         |                                     |
| 4        | Anti Extrusion Plate PVC                        |                                     |
| 3        | Gas Bag "B---y---" (mm Dia x mm high)           |                                     |
| 2        | Liquid End Plug PP & helicoil thread inserts *  |                                     |
| 1        | Nitrogen Pre-Fill Valve                         |                                     |

Item Nbr Description / function BILL OF MATERIALS Internal "Heat/Cast No" PURCHASE No

Scale : Please do not print without "MAINTAIN ASPECT RATIO" on Use A3 paper on A3 paper Landscape 420mm wide  
Part Nbr. / Drawing Ref. : Date th 200- Rev Nbr 1  
Pig - Plas PP / u / p/B y / "O"/PVC + PB "x" FNPT-PVC

**PulseGuard** <http://www.PulseGuard.com>  
<http://www.PulseGuard.co.uk>  
**PulseGuard für Deutschland** [www.pulsationdampfer.com](http://www.pulsationdampfer.com)  
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 UK --44(0)161-480-9625 USA ---1910-270-2737

**Non Metal Wetted Parts Pulsation Dampers**  
**Gas in Bladder Damper Drawings Menue**  
**Main Pulsation Damper Drawings Menue**