



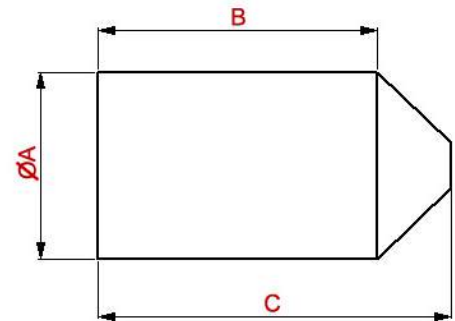
***iNPIPE PRODUCTS™ Foam Pig Data Sheet***

### PROGRESSIVE, RESPONSIVE AND KNOWLEDGEABLE

Supplier of pipeline maintenance and testing equipment

**INPIPE PRODUCTS™** manufacture a comprehensive range of foam pigging products which are designed for a variety of pipeline pigging applications including:

- |                    |                            |
|--------------------|----------------------------|
| <b>Proving</b>     | <b>Scraping</b>            |
| <b>Swabbing</b>    | <b>Product Removal</b>     |
| <b>Drying</b>      | <b>Debris Removal</b>      |
| <b>Wiping</b>      | <b>Cleaning</b>            |
| <b>De-watering</b> | <b>Aggressive Cleaning</b> |



#### Features:

- Available in 4 standard densities of foam, Low Density (1.5-2lb/Cu.ft), Medium Density (5-7lb/Cu.ft), Heavy Density (8-10lb/Cu.ft) and Extra Heavy (20lb/Cu.ft)
- The range includes a number of different finishes designed for specific applications. These include Bare Foam, Fully Coated, Criss Cross, Silicone Carbide and both Wire & Nylon Brush designs
- Foam pigs can be adapted to include transmitter cavities, tow loops, gauge plates and encapsulated magnets for tracking
- Dual densities are available on request
- Sizes ranging from 1/2" to 74"

#### Benefits:

- Maintenance free, disposable product
- Capable of travelling long distances
- Can be customised to meet client requirements
- Can reduce through a pipeline by up to 50% in diameter
- Capable of negotiating short radius 90° bends and elbows
- Able to traverse bends, mitres, tees and various valve configurations
- Can be used on pipelines not originally designed for pigging activities

#### Standard Foam Dimensions

Nominal Size	A	B	C
2	58	86	113
3	82	117	149
4	108	163	205
6	159	240	304
8	212	318	402
10	266	375	450
12	318	460	580
14	350	550	695
16	403	605	750
18	454	680	850
20	504	752	950
22	552	818	1028
24	609	912	1140
26	660	1000	1260
28	707	1062	1334
30	765	1145	1423
32	810	1229	1546
34	850	1260	1586
36	909	1370	1710
38	970	1435	1795
40	1020	1515	1895
42	1066	1600	2005
44	1100	1600	2005
46	1225	1825	2286
48	1237	1780	2250

A comprehensive range of additional moulds are available to suit client specific pipe schedules. Dimensions are approximations in mm.

**International Pipeline Products Ltd**, Gatherley Road, Brompton on Swale, Richmond, North Yorkshire, England, DL10 7JH  
 Tel: +44 (0)1748 813270 Fax: +44 (0)1748 813454 - E-mail: [expsales@inpipeproducts.co.uk](mailto:expsales@inpipeproducts.co.uk) - [uksales@inpipeproducts.co.uk](mailto:uksales@inpipeproducts.co.uk)  
 Registered in England 1852899



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**Foam Pig Selection Matrix:**

Pig Categories	Appearance	Types	Density	Proving	Swabbing	Drying	Wiping	De-Watering	Scraping	Product Removal	Debris Removal	Cleaning	Aggressive Cleaning
Low Density Pigs		<b>SF-B</b> Soft Foam - Bare (With or without Sealing Disc)	1-5 -2lb/Cu.ft	✓	✓	✓							
		<b>SF-FC</b> Soft Foam- Fully Coated	1-5 -2lb/Cu.ft		✓		✓	✓		✓			
		<b>SF-XX</b> Soft Foam - Criss Cross (P.U. Coating)	1-5 -2lb/Cu.ft		✓		✓	✓					
		<b>SF-SC</b> Soft Foam - Silicone Carbide	1-5 -2lb/Cu.ft						✓			✓	
Medium Density Pigs		<b>LRSD-BF</b> Long Run Standard Duty - Bare Foam (With or without Sealing Disc)	5-7lb/Cu.ft		✓	✓	✓	✓		✓	✓		
		<b>LRSD-FC</b> Long Run Standard Duty - Fully Coated	5-7lb/Cu.ft		✓		✓	✓		✓		✓	
		<b>LRSD-XX</b> Long Run Standard Duty - Criss Cross (P.U. Coating)	5-7lb/Cu.ft		✓		✓	✓		✓	✓	✓	
		<b>LRSD-SC</b> Long Run Standard Duty - Silicone Carbide	5-7lb/Cu.ft						✓			✓	
		<b>LRSD-WB</b> Long Run Standard Duty - Wire Brush	5-7lb/Cu.ft						✓			✓	
Heavy Density Pigs		<b>LRHD-BF</b> Long Run Heavy Duty - Bare Foam (With or without Sealing Disc)	8-10lb/Cu.ft		✓	✓	✓	✓		✓	✓		
		<b>LRHD-FC</b> Long Run Heavy Duty - Fully Coated	8-10lb/Cu.ft		✓		✓	✓		✓		✓	
		<b>LRHD-XX</b> Long Run Heavy Duty - Criss Cross (P.U. Coating)	8-10lb/Cu.ft		✓		✓	✓		✓	✓	✓	
		<b>LRHD-SC</b> Long Run Heavy Duty - Silicone Carbide	8-10lb/Cu.ft						✓				✓
		<b>LRHD-WB</b> Long Run Heavy Duty - Wire Brush	8-10lb/Cu.ft						✓				✓
Extra Heavy Density Pigs		<b>LR-EXHD</b> Long Run Extra Heavy Duty	20lb/Cu.ft		✓	✓	✓	✓	✓	✓	✓	✓	

**Pig Application Key:**

- Proving: Ensuring that pig travels from one end of pipeline to the other
- Swabbing: Removing moisture from pipeline until dry
- Drying: Initial drying of pipeline prior to air drying and vacuum drying
- Wiping: Removal of small particles/debris from pipe wall
- De-Watering: Removing water from pipeline
- Scraping: Abrasive cleaning of the pipeline
- Product Removal: Removal of product from pipeline
- Debris Removal: Removing debris from pipeline

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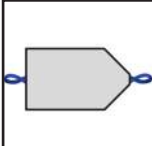
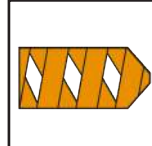
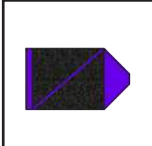
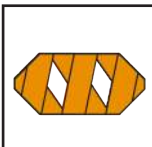
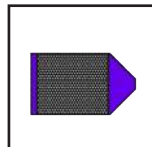
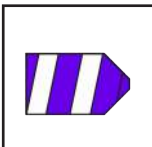
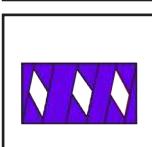
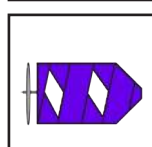
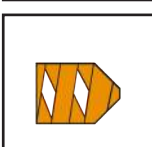
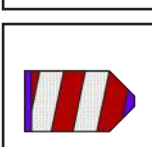
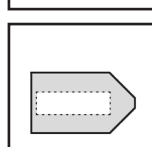
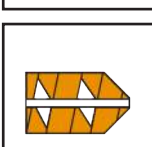


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#### Foam Pig Extras:

In conjunction with the standard range of foam pigs **INPIPE PRODUCTS™** also offer a large range of special pig options to cater for a wide range of pigging applications:

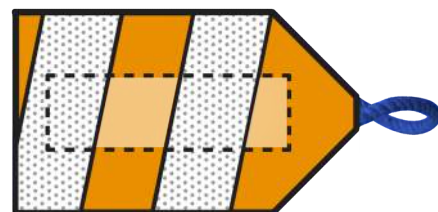
	Pulling Facility (Front, Rear, Dual) Ref: PF-F/R/D		Extra Long (Extended sealing applications) Ref: ExL		Maxi-Silicone Carbide (Total Coverage) Ref: MSC
	Double Nose Ref: DN		Maxi Brush (Total Coverage) Ref: MB		Single Spiral (Econo Pig) Ref: SS
	Double Dish Ref: DD		Gauge Plate Facility Ref: GPF		Extra Short (Ball valve- Launch & Receiving facilities) Ref: ExS
	Non Ferrous Brush (For use on internally coated pipelines) Ref: NFB		Tracking Facility (Transmitter or Magnet insert) Ref: TF-T/M		By-Pass Facility (Permanent) Ref: BPF

#### Foam Pig Selection Example:

<b>Purpose:</b>	Cleaning (Debris Removal)
<b>Pipeline Size &amp; Length:</b>	20" x 30km
<b>Wall Thickness:</b>	15.09-26.19mm (Sch 40-Sch 80)
<b>Pipeline Material:</b>	API 5L Gr x 60. C.Steel w/internal epoxy coating
<b>Barred Tees:</b>	Yes
<b>Additional Requirements:</b>	Front pulling/handling rope required
	EM transmitter cavity required

#### Solution:

- Long run standard duty foam (LRSD)
- Cleaning in epoxy coated line (NFB)
- Front pulling/handling rope (PF-F)
- Transmitter cavity (TF-T)



**REF: 20" LRSD-NFB-PF-F-TF-T**

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### Client Reference List:

