



Sarco Resistra high visibility yellow self centring gas bag with BSI product quality Kitemark accreditation, a world and industry first. The only GIS/E4 Gas Bag approved and tested by WASK for use in their 312 under pressure natural gas deployment equipment.

Applications

Under pressure isolation of Gas Distribution Mains. Suitable for use in Cast Iron, Ductile Iron, Steel, PE & PVC Gas Mains from 2" (50mm) to 24" (600mm). Line pressures up to 350mBar and minimum 4:1 bag pressure safety ratio.

Advantages

Customer supplies maintained during repair, maintenance and asset creation activities utilising the WASK 312 By Pass System. Avoids main depressurisation and repressurisation related problems. The 'double block and bleed' design provides safe conditions with no gas propagation into the working section.

Deployment

By WASK 312 Gas Bag Launching equipment or other under pressure systems. Bag sizes larger than 16" (400mm) may require alternative methods of deployment.

Industry Approval

The Resistra Gas Bag ranges have been used for over 40 years in UK Gas distribution networks and are currently used and specified by National Grid, Northern Gas Networks, Scotia Gas Networks, Wales & West Utilities, European National Gas Companies, Australasian Gas Companies, North & South American Gas Companies.



Material & Quality Standards

Outer Cover in High Tenacity Nylon with special Polyurethane coating, meeting the requirements of the GIS/E4:2006 standard. All inflatable Gas Bag Stoppers are individually factory tested, dated and Kitemarked. Manufactured in the modern Sarco Stopper factory using the latest computer controlled equipment. Sarco Stopper is audited by BSI annually to maintain its integrated product quality & management systems delivering full traceability of materials and manufacture.

BSI Product Quality Kitemark from 2009 - 2" (50mm) to 12" (300mm)

The company maintains an integrated management system that meets the requirements of : ISO 9001:2008 - ISO 14001:2004 - ISO 18001:2007.

Packing & Storage

Resistra Gas Bags are packed in heavy duty polythene including operating guidelines. The Gas Bags must be stored in a cool dry area out of direct sunlight. Use within 30 months from date of manufacture as specified in the GIS/E4:2006 standard.



GIS/E4:2006
KM 545469

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TECHNICAL DATA

REFERENCES, DIMENSIONS, RANGES AND PRESSURES

Product Ref	Size Ø Inches	Size Ø mm	Max Seal Ø mm	Deflated Length mm	Inflated Length mm	Min Seal Length mm	Min Access Ø Inches	Max Inflation PSI	Max Inflation BAR	Unit Weight	Qty/pack
SRGB2	2	50	57	240	x	x	1	14.5	1	0.86	10
SRGB3	3	80	84	250	x	x	1	10.0	0.7	0.10	10
SRGB4	4	100	112	280	x	x	1	9.0	0.6	0.114	10
SRGB5	5	125	138	380	x	x	1.5	8.7	0.6	x	10
SRGB6	6	150	168	380	x	x	1.5	7.25	0.5	0.136	10
SRGB7	7	175	192	460	x	x	1.5	6.5	0.45	x	10
SRGB8	8	200	224	460	x	x	2	5.8	0.4	0.241	10
SRGB9	9	225	245	510	x	x	2	5.0	0.35	0.260	10
SRGB10	10	250	276	510	x	x	2	5.0	0.35	0.282	10
SRGB11	11	275	TBC	x	x	x	2	x	x	x	10
SRGB12	12	300	324	510	x	x	2	4.0	0.28	0.294	10
SRGB14	14	350	368	x	x	x	2	3.5	0.25	x	5
SRGB15	15	375	403	x	x	x	2	3.5	0.25	x	5
SRGB16	16	400	417	x	x	x	2	3.0	0.21	x	5
SRGB18	18	450	481	x	x	x	x	2.5	0.18	x	5
SRGB20	20	500	520	x	x	x	x	x	x	x	5
SRGB22	22	550	559	x	x	x	x	x	x	x	5
SRGB24	24	600	637	x	x	x	x	x	x	x	5

Suitable for Cast Iron, Ductile Iron, PE & PVC Mains operating at a max line pressure of 350mBar

COMPONENTS

MATERIALS

Outer Cover	HT Nylon HV Yellow - Medium Duty
Joining	Nylon Bonded
Bladder	NR
Spine	Nylon - Anti Kink
End Cap	Steel / Aluminium
Crimp Ring	Brass
Oring	NBR
Connector	1/2" UNF - Plated Steel
Instructions	Kitemark Required Guidelines / Pack

QUALITY ASSURANCE

Integrated Management System	ISO 9001 : FM 531934
Environmental	ISO 14001 : EMS 571347
Safety	ISO 18001 : Implimented
Kitemark Product Quality	KM 545469
UVDB Verify Health & Safety	91% Approval Rating
Achillies UVDB	060188
FPAL - Upsteam Oil & Gas	