

**WEBER** RESCUE  
SYSTEMS

**NEW!**

LET'S CREATE FUTURE >

# PNEUMATIC RESCUE SYSTEMS

New product range 2022

# PNEUMATIC NEWS 2022

Our new pneumatic rescue systems products brochure includes lifting bags with various different pressure levels, the necessary and compatible additional equipment, as well as new 2.5 bar sealing system products.

WEBER RESCUE SYSTEMS high-pressure lifting bags are made of particularly hard-wearing materials. They are used for lifting and moving very heavy loads and are suitable, for example, for freeing trapped persons or for recovering trucks, buses and trains. They are available in different sizes and designs as well as in practical sets from 1 to 12 bar and have a specially moulded surface to prevent the loads from slipping. In addition, they are reinforced with a lightweight and corrosion-resistant aramid fabric and have reflective markings as well as reinforced protective edges made of rubber. The low insertion height of 25 to 30 mm allows use in areas even with minimal opening.

The range of sealing systems 2.5 bar extends from pipe sealing bags to leak sealing bandages, leak sealing bags, leak sealing lances and gully sealing bags to the more comprehensive system assembly with the matching accessories. All products are also available in practical sets. Frequently used by industrial companies, the sealing systems are used, for example, to seal leaks and gullies and to shut off pipelines.

A wide range of accessories for control and air supply make our pneumatic systems very user-friendly.

## PRODUCTS

LIFTING BAGS 8 BAR .....	4
LIFTING BAGS 10 BAR .....	6
LIFTING BAGS 12 BAR .....	8
LIFTING BAG SETS .....	10
ADDITIONAL EQUIPMENT .....	11
SEALING SYSTEMS 2.5 BAR .....	12
ACCESSORIES FOR SEALING SYSTEMS .....	15
GULLY SEALING SYSTEMS .....	16
COLLECTING TANK .....	17
TABLE OF RESISTANCE .....	18



**LIFTING BAGS 8 BAR**

Type	Dimension in mm (L x W x H)	Insertion height in mm	Max. lifting height in mm	Max. lifting capacity in t	Air requirement in l	Weight in kg	ID number
W 3	230 x 230 x 25	25	130	2.7	15	1.25	8123357
W 10	380 x 380 x 25	25	210	10.1	86	3.5	8123373
W 20	550 x 550 x 25	25	300	21.1	296	7.0	8123390
W 25	610 x 610 x 25	25	340	25.2	416	9.0	8123403
W 41	780 x 780 x 25	25	420	44.6	921	14.0	8123438
W 52	870 x 870 x 25	25	470	55.0	1305	18.0	8123446
W 66	950 x 950 x 25	25	520	70.4	1505	22.5	8123454

**LIFTING BAGS 8 BAR FLAT-BAG**

Type	Dimension in mm (L x W x H)	Insertion height in mm	Max. lifting height in mm	Max. lifting capacity in t	Force at max. height in t	Air requirement in l	Weight in kg	ID number
W-FB 7/17	550 x 550 x 25	25	170	21.1	6.7	224	7.3	8125740
W-FB 11/17	610 x 610 x 25	25	170	25.2	9.5	350	9.2	8125759
W-FB 18/18	780 x 780 x 25	25	170	44.6	20.2	520	14.5	8125767
W-FB 32/18	920 x 920 x 25	25	170	64.0	33.3	810	20.6	8125775

GOOD VALUE ECO-PRODUCT LINE



Lifting bags 8 bar Flat-Bag



Lifting bags 8 bar

**ACCESSORIES 8 BAR**

Type		Weight in kg	ID number
Pressure reducer 200/300 bar		1.7	8123713
Double controller, fitting		2.0	8123730
Double controller, aluminium		1.6	8132224
Double controller, plastic		2.9	8123721
Double controller, metal		3.0	8143170
Triple controller, metal		4.0	8142335
Safety valve with shut-off device		0.4	8125988
Inflation hose 5 m, blue		0.8	8132151
Inflation hose 5 m, red		0.8	8132178
Inflation hose 5 m, yellow		0.8	8123756
Inflation hose 5 m, grey		0.8	8132160
Inflation hose 10 m, blue		1.4	8132135
Inflation hose 10 m, red		1.4	8123799
Inflation hose 10 m, yellow		1.4	8123780
Inflation hose 10 m, grey		1.4	8132143

**LIFTING BAGS 10 BAR**

Type	Dimension in mm (L x W x H)	Insertion height in mm	Max. Lifting height in mm	Max. lifting capacity in t	Air require-ment in l	Weight in kg	ID number
W 1-10	150 x 150 x 25	25	80	1.2	7	0.55	1072060
W 7-10	300 x 300 x 25	25	160	6.8	52	2.0	1072062
W 12-10	380 x 380 x 25	25	210	12.1	106	3.5	1057332
W 25-10	550 x 550 x 25	25	300	26.3	362	7.0	1057333
W 30-10	610 x 610 x 25	25	340	31.8	508	9.0	1072065
W 40-10	690 x 690 x 25	25	380	41.3	759	11.0	1072066
W 52-10	780 x 780 x 25	25	420	55.8	1122	14.1	1057334
W 66-10	870 x 870 x 25	25	470	68.7	1595	18.2	1075425
W 85-10	950 x 950 x 25	25	520	88.0	1650	22.7	1075426

**LIFTING BAGS 10 BAR FLAT-BAG**

Type	Dimension in mm (L x W x H)	Insertion height in mm	Max. Lifting height in mm	Max. lifting capacity in t	Force at max. height in t	Air require-ment in l	Weight in kg	ID number
W-FB 8/17-10	550 x 550 x 25	25	170	26.4	8.1	280	7.4	1084841
W-FB 12/17-10	610 x 610 x 25	25	170	31.5	11.9	438	9.2	1084842
W-FB 25/17-10	780 x 780 x 25	25	170	55.8	25.3	650	14.5	1084843
W-FB 42/17-10	920 x 920 x 25	25	170	80.0	41.6	1013	20.5	1084844
W-FB PLUS 20/33-10	950 x 950 x 30	30	330	88.0	19.8	1100	27.7	1100974

STANDARD PRODUCT LINE INCLUDING NEW FLAT-BAG  
AND FLAT-BAG PLUS LIFTING BAGS



Lifting bags 10 bar Flat-Bag



Lifting bags 10 bar

**ACCESSORIES 10 BAR**

Type	Weight in kg	ID number
Pressure reducer 200/300 bar	1.7	1097625
Double controller, fitting	2.0	1057331
Double controller, aluminium	1.6	1075428
Double controller, plastic	2.9	1075427
Double controller, plastic mit LED	3,0	1078058
Double controller, metal	3.0	1078057
Triple controller, metal	4.0	1100975
Safety valve with shut-off device	0.4	1078871
Adapter 8 bar accessory for 10 bar air bag	0.2	1078062
Inflation hose 5 m, blue	0.8	1057329
Inflation hose 5 m, red	0.8	1057330
Inflation hose 5 m, yellow	0.8	1057782
Inflation hose 5 m, grey	0.8	1078060
Inflation hose 10 m, blue	1.4	1075432
Inflation hose 10 m, red	1.4	1075431
Inflation hose 10 m, yellow	1.4	1075430
Inflation hose 10 m, grey	1.4	1078061



### LIFTING BAGS 12 BAR

Type	Dimension in mm (L x W x H)	Insertion height in mm	Max. lifting height in mm	Max. lifting capacity in t	Air requirement in l	Weight in kg	ID number
W 1,5-12	150 x 150 x 25	25	80	1.5	8	0.55	1100976
W 8-12	300 x 300 x 25	25	160	8.2	61	2.2	1100977
W 15-12	380 x 380 x 25	25	210	14.7	124	3.5	1100978
W 20-12	450 x 450 x 25	25	250	20.2	219	5.0	1100979
W 38-12	610 x 610 x 25	25	340	37.8	600	9.0	1091389
W 49-12	690 x 690 x 25	25	380	49.5	897	11.0	1100980
W 67-12	780 x 780 x 25	25	420	66.9	1330	14.5	1091391
W 82-12	870 x 870 x 25	25	470	82.5	1885	18.2	1100981
W 105-12	950 x 950 x 26	26	520	105.6	2173	23.0	1100982

HIGH-PERFORMANCE LIFTING BAGS FOR  
EVEN HIGHER LIFTING CAPACITY



### ACCESSORIES 12 BAR

Type	Weight in kg	ID number
Pressure reducer 200/300 bar	1.7	1058295
Double controller, fitting	2.02,0	1101381
Double controller, metal	3.0	1091398
Double controller, plastic with LED	3.0	1101380
Shut-off valve with safety device (0,3 m hose)	0,5	1095538
Inflation hose 5 m, blue	0.8	1091395
Inflation hose 5 m, red	0.8	1091393
Inflation hose 5 m, yellow	0.8	1100983
Inflation hose 5 m, grey	0.8	1100984
Inflation hose 10 m, blue	1.4	1100986
Inflation hose 10 m, red	1.4	1100985
Inflation hose 10 m, yellow	1.4	1100987
Inflation hose 10 m, grey	1.4	1100988

## LIFTING BAG SETS

### Lifting bag sets 1 bar

Type	Consisting of	Weight in kg	ID number
W 6/1	2x W 6/1, 2x Inflation hose 5 m (yellow/red), Double deadman controller, Universal pressure reducer, Transport bag for two lifting bags	25.5	1819534
W 13/1	2x W 13/1, 2x Inflation hose 5 m (yellow/red), Double deadman controller, Universal pressure reducer, Transport bag for two lifting bags	41.0	1819518

### Lifting bag sets 8 bar

Type	Consisting of	Weight in kg	ID number
Light	W 10, W 20, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	18.0	1088482
Light PLUS	W 3, W 10, 2x W-FB 7/17, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	19.6	1088483
Light FLAT	2x W-FB 7/17, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	22.1	1090563
Heavy	2x W 25, 2x W 52, 4x Inflation hose 10 m (red/blue/yellow/grey), 2x Double controller metal, 2x Pressure reducer 200/300 bar	69.0	1088485
Heavy Flat	2x W-FB 11/17, 2x W-FB 32/18, 4x Inflation hose 10 m (red/blue/yellow/grey), 2x Double controller metal, 2x Pressure reducer 200/300 bar	74.6	1088486

### Lifting bag sets 10 bar

Type	Consisting of	Weight in kg	ID number
Light	W 12-10, W 25-10, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	18.0	1101116
Light PLUS	W 1-10, W 12-10, 2x W-FB 8/17-10, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	26.4	1101118
Light FLAT	2x W-FB 8/17-10, 2x Inflation hose 10 m (red/blue), Double controller metal, Pressure reducer 200/300 bar	22.3	1101117
Heavy	2x W 25-10, 2x W 52-10, 4x Inflation hose 10 m (red/blue/yellow/grey), 2x Double controller metal, 2x Pressure reducer 200/300 bar	57.2	1101119
Heavy Flat	2x W-FB 8/17-10, 2x W-FB 25/17-10, 4x Inflation hose 10 m (red/blue/yellow/grey), 2x Double controller metal, 2x Pressure reducer 200/300 bar	64.8	1101120
FLAT-BAG PLUS	3x W-FB+ 20/33-10, 3x Inflation hose 10 m (red/blue/yellow), Triple controller, Pressure reducer 200/300 bar, Collection piece 2-fold	94.0	1101121

## PRESSURE LEVEL-INDEPENDENT ADDITIONAL EQUIPMENT

Type		Weight in kg	ID number
Compressed air cylinder 6 l, 300 bar (empty)		9.0	8123829
Collection piece 2-fold for compressed air cylinder		0.95	8057990
Universal adapter set		0.3	8058865
Connecting hose 5 m, yellow		0.8	8133751
Connecting hose 10 m, yellow		1.3	1093410



**OIL RESISTANT PIPE SEALING BAGS 2,5 BAR**

Type	Dimension unfilled in mm (Ø x Length)	Sealing-Ø in mm	Weight in kg	ID number
RD-ÖL 40-70	35 x 195	40 - 70	0.3	8131830
RD-ÖL 70-150	68 x 335	70 - 150	0.6	8131848
RD-ÖL 100-200	92 x 535	100 - 200	1.1	8131856
RD-ÖL 150-300	142 x 575	150 - 300	1.9	8131864
RD-ÖL 200-400	192 x 635	200 - 400	3.0	8131872
RD-ÖL 350-600	322 x 865	350 - 600	8.4	8131899
RD-ÖL 500-1000	472 x 1185	500 - 1000	17.3	1101382

**OIL RESISTANT WITH BYPASS PIPE SEALING BAGS 2,5 BAR**

Type	Dimension unfilled in mm (Ø x Length)	Sealing-Ø in mm	Bypass-Ø in Inch	Weight in kg	ID number
RDB-ÖL 100-200	92 x 550	100 - 200	1"	2.6	8131929
RDB-ÖL 150-300	142 x 590	150 - 300	1"	4.4	8131937
RDB-ÖL 200-400	192 x 635	200 - 400	2"	6.3	8131945
RDB-ÖL 350-600	322 x 865	350 - 600	2"	16.6	8131961
RDB-ÖL 500-1000	472 x 1185	500 - 1000	2"	31.3	1101383

**OIL RESISTANT VERSION FOR ABSOLUTE SAFETY IN USE**



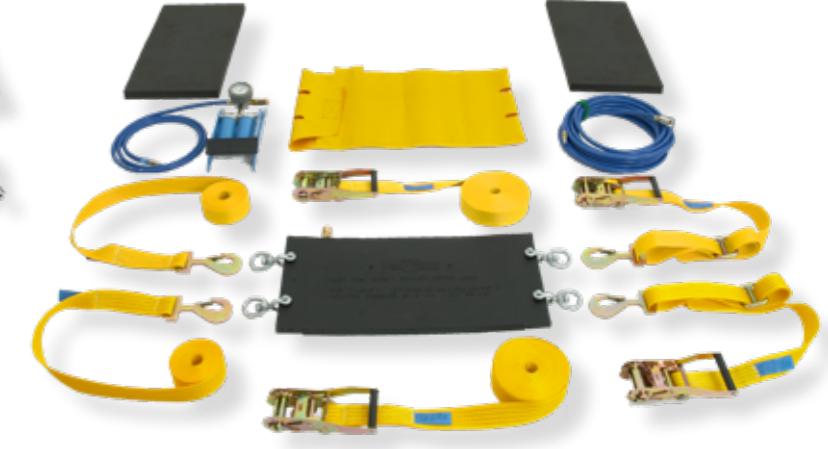
**LEAK SEALING BAGS 2,5 BAR**

Single bags	Dimension (L x W x H) in mm	Sealing surface in mm	Weight in kg	ID number
LD 10 x 10	150 x 150 x 12	10 x 10	0.4	1101384
LD 18 x 18	230 x 230 x 12	18 x 18	0.8	1101385
LD 25 x 25	300 x 300 x 12	25 x 25	1.4	1101386
LD 45 x 23	620 x 300 x 20 mit Fixierungsschlitzten	45 x 23	4.5	1101387
LDS 45 x 23	620 x 300 x 20 mit Wirbelösen	45 x 23	6.2	1101388

Set	Consisting of	Weight in kg	ID number
LD 45 x 23	LD 45 x 23, Foot pump, Inflation hose 10 m blue, 4x Lashing strap 10 m yellow, 2x Sealing plate 600 x 300 mm, Acid protection cover	19.2	1101389
LDS 45 x 23	LDS 45 x 23, Foot pump, Inflation hose 10 m blue, 2x Lashing strap 10 m yellow, 2x Lashing strap 2 m yellow, 2x Attachment belt 5 m yellow, 2x Sealing plate 600 x 300 mm, Acid protection cover	21.5	1101390
Mini-LD	LD 10 x 10, LD 18 x 18, LD 25 x 25, Foot pump, 2x Velcro strap 1,5 m, 3x Velcro strap 3 m, Transport case	10.6	1101439



Set LD 45 x 23



Set LDS 45 x 23 with swivel eyelets



Set Mini-LD

## LEAK SEALING LANCES 2,5 BAR

Type	Dimension (L x W x H) in mm	Weight in kg	ID number
Leak sealing bag wedge 1/6	230 x 60 x 50	0.3	1101392
Leak sealing bag wedge 2/8	230 x 80 x 55	0.4	1101393
Leak sealing bag wedge 3/11	230 x 110 x 70	0.5	1101394
Leak sealing bag cone 4/7	230 x 65 x 65	0.3	1101395
Leak sealing lance 35 cm	350 x 15 x 15	0.3	1101396

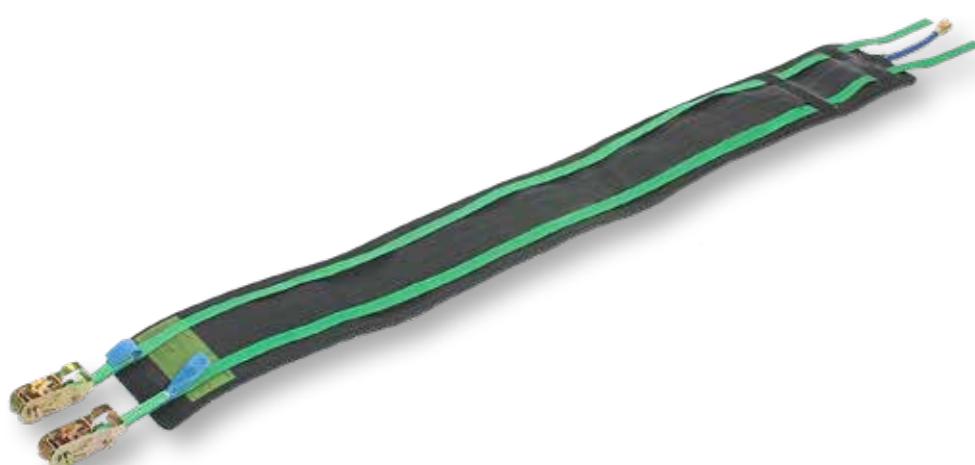
Set	Consisting of	Weight in kg	ID number
Leak sealing lances set	Wedge 1/6, Wedge 2/8, Wedge 3/11, Cone 4/7, 4x Leak sealing lance 35 cm, Foot pump, Shut-off valve, Transport case	8.2	1101391



## LEAK SEALING BANDAGES 2,5 BAR

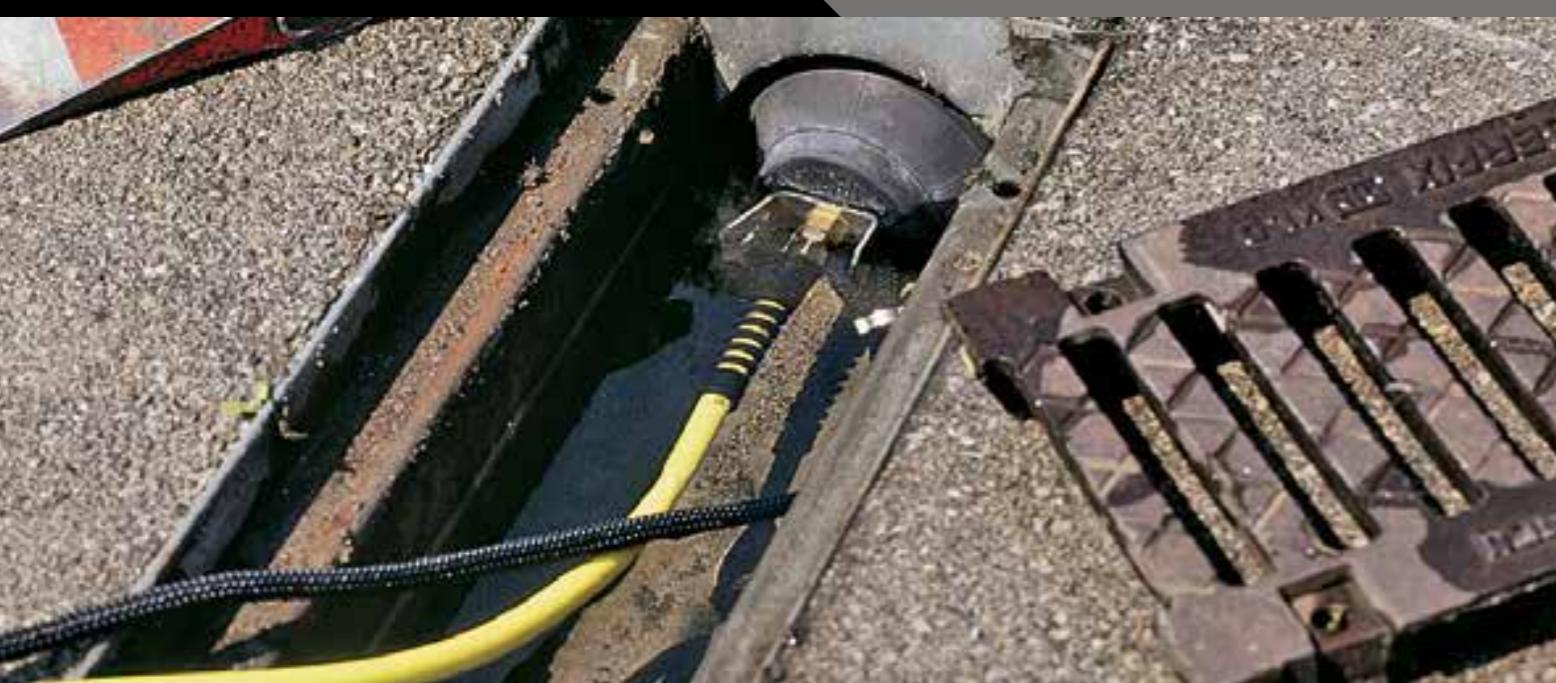
Type	Dimension (L x W x H) in mm	Weight in kg	ID number
LDB 125 x 250	250 x 125 x 10	2.1	1101397
LDB 210 x 1700	1700 x 210 x 10	6.7	1101398

Set	Consisting of	Weight in kg	ID number
Leak sealing bandages set	LDB 125 x 250, LDB 210 x 1700, Foot pump, Inflation hose 10 m blue	13.1	1101399



## ACCESSORIES FOR SEALING SYSTEMS 2,5 BAR

Type	Weight in kg	ID number
Pressure reducer 200/300 bar	1.7	8123713
Single controller, fitting	0.9	8123837
Double controller, fitting	4.2	8133786
Double controller, plastic	5.0	8133794
Foot pump with hose 2 m	3.5	8131570
Shut-off valve	0.4	1079933
Inflation hose with deflation plug 5 m, blue	0.9	8133816
Inflation hose with deflation plug 5 m, red	0.9	8133808
Inflation hose with deflation plug 10 m, blue	1.3	8056188
Inflation hose with deflation plug 10 m, red	1.3	8133824
Lashing strap with ratchet 2 m	1.7	8123993
Lashing strap with ratchet 10 m	2.1	8123942
Attachment belt 5 m	0.8	8124019
Velcro strap 1,5 m	0.2	8123926
Velcro strap 3 m	0.4	8123934
Sealing plate 600 x 300 x 30 mm	1.0	8123969
Acid protection cover for LD 45 x 23	0.4	8131694
Acid protection cover for LDS 45 x 23	0.4	8131708



### GULLY SEALING BAGS

Type	Dimension (L x W x H) in mm	Weight in kg	ID number
300-500 0,5 bar	385 x 275 x 275	3.8	8131627
100-150 2,5 bar	200 x 86 x 86	0.6	1101400

Set	Consisting of	Weight in kg	ID number
300-500 0,5 bar	300-500 0,5 bar, Hose 2 m and Leash, Transport case 610 x 410 x 140 mm	11.2	1819496
100-150 2,5 bar	4x 100-150 2,5 bar, Foot pump, Positioning rod, Transport case 610 x 410 x 140 mm	11.0	1101401

Accessories	Weight in kg	ID number
Filling valve 0,5 bar	2.5	8131619
Compressed air cylinder 1 l, 200 bar	3.0	8123810



Set 300-500 0,5 bar



Set 100-150 2,5 bar

### COLLECTING TANK

Type	Volume in l	Bottom-Ø in mm	High in mm	Weight in kg	ID number
AB 2000	2000	2000	800	28.5	8134022
AB 5000	5000	2700	1200	51.9	8124035

Accessories	Weight in kg	ID number
Hand pump	2.3	1094982

#### Self-supporting folding container

- For collecting hazardous liquids or for water supply with fire-fighting water, artificial snow machines, etc.
- Self-supporting design
- Robust, evenly weighted and can be folded up small compact size
- Easy to maintain
- PES (polyester) fabric with NBR/PVC coating for UV light, ozone and strong weather resistance
- Including coupling system and inflation hose



TABLE OF RESISTANCE

1 negligible    2 low    3 medium    4 significant

Chemical	Concentra- tion (%)	Temperature (°C)	Lifting bags 1 bar	Lifting bags 8-12 bar Leak sealing bags	Pipe sealing bags
Acetone		23	2	1	2
Acetylene			2	1	2
Ammonium Hydroxide	10	23	1	1	1
	konz.	23	1	1	1
Aniline		23	3	2	3
		100	4	4	4
Benzene		23	4	4	4
Boric Acid	10	100	1	1	1
Brake fluid		50	1	1	1
Butanol		50	1	1	1
		100	3	4	3
Butyric Acid			2		2
Calcium Hydroxide		100	1	1	1
Calcium Hypochloride	15		2	4	2
Chlorid Acid	20	23	4		4
Ethanol		50	1	1	1
Ether		23	4	4	4
Formaldehyde	40	23	1	1	1
	40	70			
Glycerol		100	1	1	1
Hexanol		23	2	1	2
Hydrogen Peroxide	30	23	1	1	1
	90			4	
Kerosene		70	3	4	3
Methanol		50	1	1	1
Methyl Chlorid			4	4	4
Milk		23	1	1	1
Mineral oil Nr. 1		100	1	4	1
Mineral oil Nr. 2		100	2	4	2
Mineral oil Nr. 3		100	4	4	4
Naphtha		23	4	4	4
Natural gas			1	3	1
Nitric Acid Diluted	10	50	3	2	3
Ozone		40	2	4	2
Phenol		100	4	4	4
Phosphoric Acid	60	50	2	2	2
Propanol		50	1	1	1
Sodium Hydroxide	10	100	1	1	1
	25	100	1	1	1
Sodium Hypochloride	10	50	3	2	3
Sulfur Hexafluorid			1		1
Sulfuric Acid	10	100	1	1	1
	20	23	1	1	1
	25	100	1	1	1
	50	100	1	1	1
	60	100	4	3	4
	75	23	4	4	4
	96		4	4	4
Toulene		23	4	4	4



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