



The Powermat is a high-pressure lifting bag designed for lifting vehicles and heavy objects in emergency rescue situations. Its slim profile when deflated allows easy storage in tight spaces.

Powermat 8 Bar Lifting Bags

| Specification | KS1 | KS3 | KS5 | KS10 | KS12 | KS16 | KS21 | KS29 | KS33 | KS46 | KS54 | KS67 |
|---------------------------------------|-----------|------------|-----------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| Product Code | KS01/08 | KS03/08 | KS05/08 | KS10/08 | KS12/08 | KS16/08 | KS21/08 | KS29/08 | KS33/08 | KS46/08 | KS54/08 | KS67/08 |
| Length (cm/in) | 15 / 5.9 | 22.5 / 8.6 | 27 / 10.6 | 38 / 15 | 40.8 / 16.1 | 46 / 18.1 | 52 / 20.4 | 62 / 24.4 | 65.8 / 25.9 | 77.5 / 30.5 | 84 / 33.1 | 92 / 36.2 |
| Width (cm/in) | 15 / 5.9 | 22.5 / 8.6 | 27 / 10.6 | 38 / 15 | 40.8 / 16.1 | 46 / 18.1 | 52 / 20.4 | 62 / 24.4 | 65.8 / 25.9 | 77.5 / 30.5 | 84 / 33.1 | 92 / 36.2 |
| Inflated Height (cm/in) | 10 / 3.9 | 13 / 4.9 | 15 / 5.9 | 23 / 8.9 | 23 / 8.9 | 25 / 9.8 | 32 / 12.6 | 35 / 13.8 | 38 / 14.8 | 43 / 16.7 | 48 / 18.7 | 50 / 19.7 |
| Deflated Height (cm/in) | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 |
| Maximum Lift (t / US ton) | 0.9 / 1.0 | 2.6 / 2.9 | 4.2 / 4.6 | 10.4 / 11.5 | 10.2 / 11.2 | 13.6 / 15.0 | 21 / 23.14 | 26.6 / 29.3 | 30.3 / 33.4 | 42.5 / 46.8 | 51.1 / 56.3 | 62.2 / 68.6 |
| Air Capacity (litre/ft ³) | 3 / 0.1 | 12 / 0.4 | 23 / 0.8 | 69 / 2.4 | 89 / 3.1 | 124 / 4.4 | 186 / 6.6 | 311 / 11 | 391 / 13.8 | 627 / 22.1 | 797 / 28.1 | 1051 / 37.1 |
| Weight (kg/lbs) | 0.5 / 1.1 | 1.3 / 2.9 | 1.8 / 4 | 3.6 / 7.9 | 4.1 / 9 | 5.1 / 11.2 | 8 / 17.6 | 12 / 27 | 13.5 / 29.8 | 14.5 / 32 | 20 / 44.1 | 23 / 50.7 |
| Max Pressure (bar/psi) | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 | 8 / 116 |

Powermat 12 Bar Lifting Bags

| Specification | KS2 | KS5 | KS8 | KS16 | KS18 | KS23 | KS30 | KS43 | KS49 | KS68 | KS81 | KS97 |
|---------------------------------------|-----------|------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Product Code | KS02/12 | KS05/12 | KS08/12 | KS16/12 | KS18/12 | KS23/12 | KS30/12 | KS43/12 | KS49/12 | KS68/12 | KS81/12 | KS97/12 |
| Length (cm/in) | 15 / 5.9 | 22.5 / 8.6 | 27 / 10.6 | 38 / 15 | 40.8 / 16.1 | 46 / 18.1 | 52 / 20.4 | 62 / 24.4 | 65.8 / 25.9 | 77.5 / 30.5 | 84 / 33.1 | 92 / 36.2 |
| Width (cm/in) | 15 / 5.9 | 22.5 / 8.6 | 27 / 10.6 | 38 / 15 | 40.8 / 16.1 | 46 / 18.1 | 52 / 20.4 | 62 / 24.4 | 65.8 / 25.9 | 77.5 / 30.5 | 84 / 33.1 | 92 / 36.2 |
| Inflated Height (cm/in) | 8 / 3.1 | 13 / 5.1 | 16 / 6.3 | 23 / 9.1 | 25 / 9.8 | 28 / 11.0 | 32 / 12.6 | 38 / 15 | 41 / 16.1 | 48 / 18.9 | 52 / 20.5 | 57 / 22.4 |
| Deflated Height (cm/in) | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 | 2.5 / 1 |
| Maximum Lift (t / US ton) | 1.4 / 1.5 | 4.1 / 4.5 | 6.6 / 7.3 | 13.6 / 15.0 | 16.0 / 17.6 | 20.9 / 23.0 | 27.6 / 30.4 | 40.6 / 44.8 | 45.2 / 49.8 | 63.8 / 70.3 | 75.5 / 83.2 | 93.2 / 102.7 |
| Air Capacity (litre/ft ³) | 4 / 0.1 | 18 / 0.6 | 34 / 1.2 | 100 / 3.5 | 128 / 4.5 | 180 / 6.4 | 268 / 9.5 | 449 / 15.8 | 565 / 20 | 906 / 32 | 1151 / 40.6 | 1518 / 53.6 |
| Weight (kg/lbs) | 0.5 / 1.1 | 1.3 / 2.9 | 1.8 / 4 | 3.6 / 7.9 | 4.1 / 9 | 5.1 / 11.2 | 8 / 17.6 | 12 / 27 | 13.5 / 29.8 | 14.5 / 32 | 20 / 44.1 | 23 / 50.7 |
| Max Pressure (bar/psi) | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 | 12 / 174 |