



### MagnumForce

HMPE Sling reinforced with high-performance fibres reduces wear and improves cut resistance.

| Label                | Contact Thickness Under Load [mm] | Contact Width Under Load [mm] | Dimension L1 min [m] | Dimension L1 [m] | WLL kg [kg] | Weight Net [kg] | Weight per Meter [kg/m] |
|----------------------|-----------------------------------|-------------------------------|----------------------|------------------|-------------|-----------------|-------------------------|
| MagnumForce 10000 2m | 7                                 | 70                            | 2                    | 2                | 10000       | 1.6             | 0.8                     |
| MagnumForce 10000 3m | 7                                 | 70                            | 2                    | 3                | 10000       | 2.4             | 0.8                     |
| MagnumForce 10000 4m | 7                                 | 70                            | 2                    | 4                | 10000       | 3.2             | 0.8                     |
| MagnumForce 10000 5m | 7                                 | 70                            | 2                    | 5                | 10000       | 4               | 0.8                     |
| MagnumForce 10000 6m | 7                                 | 70                            | 2                    | 6                | 10000       | 4.8             | 0.8                     |
| MagnumForce 10000 7m | 7                                 | 70                            | 2                    | 7                | 10000       | 5.6             | 0.8                     |
| MagnumForce 10000 8m | 7                                 | 70                            | 2                    | 8                | 10000       | 6.4             | 0.8                     |
| MagnumForce 20000 2m | 18                                | 91                            | 2                    | 2                | 20000       | 3.2             | 1.6                     |
| MagnumForce 20000 3m | 18                                | 91                            | 2                    | 3                | 20000       | 4.8             | 1.6                     |
| MagnumForce 20000 4m | 18                                | 91                            | 2                    | 4                | 20000       | 6.4             | 1.6                     |
| MagnumForce 20000 5m | 18                                | 91                            | 2                    | 5                | 20000       | 8               | 1.6                     |
| MagnumForce 20000 6m | 18                                | 91                            | 2                    | 6                | 20000       | 9.6             | 1.6                     |
| MagnumForce 20000 7m | 18                                | 91                            | 2                    | 7                | 20000       | 11.2            | 1.6                     |
| MagnumForce 20000 8m | 18                                | 91                            | 2                    | 8                | 20000       | 12.8            | 1.6                     |
| MagnumForce 30000 4m | 20                                | 115                           | 3                    | 4                | 30000       | 10.4            | 2.6                     |
| MagnumForce 30000 5m | 20                                | 115                           | 3                    | 5                | 30000       | 13              | 2.6                     |
| MagnumForce 30000 6m | 20                                | 115                           | 3                    | 6                | 30000       | 15.6            | 2.6                     |
| MagnumForce 30000 7m | 20                                | 115                           | 3                    | 7                | 30000       | 18.2            | 2.6                     |
| MagnumForce 30000 8m | 20                                | 115                           | 3                    | 8                | 30000       | 20.8            | 2.6                     |
| MagnumForce 40000 4m | 22                                | 135                           | 3                    | 4                | 40000       | 13.6            | 3.4                     |



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|-----------------------|-----------------------------------|-------------------------------|----------------------|------------------|-------------|-----------------|-------------------------|
| MagnumForce 40000 5m  | 22                                | 135                           | 3                    | 5                | 40000       | 17              | 3.4                     |
| MagnumForce 40000 6m  | 22                                | 135                           | 3                    | 6                | 40000       | 20.4            | 3.4                     |
| MagnumForce 40000 7m  | 22                                | 135                           | 3                    | 7                | 40000       | 23.8            | 3.4                     |
| MagnumForce 40000 8m  | 22                                | 135                           | 3                    | 8                | 40000       | 27.2            | 3.4                     |
| MagnumForce 50000 4m  | 23                                | 152                           | 3                    | 4                | 50000       | 16.8            | 4.2                     |
| MagnumForce 50000 5m  | 23                                | 152                           | 3                    | 5                | 50000       | 21              | 4.2                     |
| MagnumForce 50000 6m  | 23                                | 152                           | 3                    | 6                | 50000       | 25.2            | 4.2                     |
| MagnumForce 50000 7m  | 23                                | 152                           | 3                    | 7                | 50000       | 29.4            | 4.2                     |
| MagnumForce 50000 8m  | 23                                | 152                           | 3                    | 8                | 50000       | 33.6            | 4.2                     |
| MagnumForce 60000 4m  | 23                                | 165                           | 3                    | 4                | 60000       | 20              | 5.0                     |
| MagnumForce 60000 5m  | 23                                | 165                           | 3                    | 5                | 60000       | 25              | 5.0                     |
| MagnumForce 60000 6m  | 23                                | 165                           | 3                    | 6                | 60000       | 30              | 5.0                     |
| MagnumForce 60000 7m  | 23                                | 165                           | 3                    | 7                | 60000       | 35              | 5.0                     |
| MagnumForce 60000 8m  | 23                                | 165                           | 3                    | 8                | 60000       | 40              | 5.0                     |
| MagnumForce 80000 4m  | 27                                | 200                           | 3                    | 4                | 80000       | 24.4            | 6.1                     |
| MagnumForce 80000 5m  | 27                                | 200                           | 3                    | 5                | 80000       | 30.5            | 6.1                     |
| MagnumForce 80000 6m  | 27                                | 200                           | 3                    | 6                | 80000       | 36.6            | 6.1                     |
| MagnumForce 80000 7m  | 27                                | 200                           | 3                    | 7                | 80000       | 42.7            | 6.1                     |
| MagnumForce 80000 8m  | 27                                | 200                           | 3                    | 8                | 80000       | 48.8            | 6.1                     |
| MagnumForce 100000 4m | 35                                | 190                           | 3                    | 4                | 100000      | 28.4            | 7.1                     |
| MagnumForce 100000 5m | 35                                | 190                           | 3                    | 5                | 100000      | 35.5            | 7.1                     |



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|-----------------------|-----------------------------------|-------------------------------|----------------------|------------------|-------------|-----------------|-------------------------|
| MagnumForce 100000 6m | 35                                | 190                           | 3                    | 6                | 100000      | 42.6            | 7.1                     |
| MagnumForce 100000 7m | 35                                | 190                           | 3                    | 7                | 100000      | 49.7            | 7.1                     |
| MagnumForce 100000 8m | 35                                | 190                           | 3                    | 8                | 100000      | 56.8            | 7.1                     |

### ORDER NUMBERS

| Dimension L1 | 10000 kg | 20000 kg | 30000 kg | 40000 kg | 50000 kg | 60000 kg | 80000 kg | 100000 kg |
|--------------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 2            | 2026519  | 2026520  | -        | -        | -        | -        | -        | -         |
| 3            | 2026518  | 2026521  | -        | -        | -        | -        | -        | -         |
| 4            | 2002539  | 2002544  | 2002549  | 2002554  | 2002559  | 2008377  | 2008382  | 2008387   |
| 5            | 2002540  | 2002545  | 2002550  | 2002555  | 2002560  | 2008378  | 2008383  | 2008388   |
| 6            | 2002541  | 2002546  | 2002551  | 2002556  | 2002561  | 2008379  | 2008384  | 2008389   |
| 7            | 2002542  | 2002547  | 2002552  | 2002557  | 2002562  | 2008380  | 2008385  | 2008390   |
| 8            | 2002543  | 2002548  | 2002553  | 2002558  | 2002563  | 2008381  | 2008386  | 2008391   |

|                               |   |
|-------------------------------|---|
| ■ Main Material               | High molecular weight polyethylene (HMPE) |
| ■ Colour                      | Orange                                    |
| ■ Dimension L1 max            | 60 m                                      |
| ■ Temperature Range           | - 40 bis + 100°C                          |
| ■ Safety Factor               | 7:1                                       |
| ■ Packaging Unit (PU)         | pcs                                       |
| ■ Packaging Unit (PU) Content | 1   |

1. WLL - working load limit, nominal load capacity. Applies to direct attachment type.
2. L1 - working length
3. Deviating from DIN EN 1492-2, the material in this round sling is suitable up to an operating temperature of +70°C.
4. In DIN EN 1492-2, HMPE is not listed as a material and material mixtures are not provided for.



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