



POLYURETHANE (PU) hose with copper-plated steel spiral, for suction and transport of dusts, chips and abrasive material.



SMOOTH SURFACES

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FLEXIBILITY

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ABRASION RESISTANCE

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TEMPERATURE RANGE

-40°C +90°C  
-40°F +194°F



CHEMICAL RESISTANCE

PU table



CRUSHING RESISTANCE

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SELF-EXTINGUISHING

ON DEMAND COD. 913006 SUPERFLEX PU R DIN 4102-B1: from Ø 60 mm self-extinguishing version according to DIN 4102-B1 SCHWERENTFLÄMMBAR.



OZONE RESISTANCE

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| Ø I.D. | Ø I.D. | Ø O.D. | WALL THICKNESS | TOTAL THICKNESS | WEIGHT | BENDING RADIUS | WORKING PRESSURE<br>1:3 23°C | VACUUM 23°C | SPIRAL PITCH | SPIRAL DIRECTION | Ø SPIRAL | COIL LENGTH | AVAILABILITY |
|--------|--------|--------|----------------|-----------------|--------|----------------|------------------------------|-------------|--------------|------------------|----------|-------------|--------------|
| inch   | mm     | mm     | mm             | mm              | g/m    | mm             | bar                          | m h2o       | mm           |                  | mm       | m           |              |
|        | 30     | 35     | 0.5            | -               | 140    | 30             | 2                            | 5.5         | 10           | left             | 1        | 30          | ON DEMAND    |
|        | 35     | 40     | 0.5            | -               | 160    | 35             | 1.8                          | 5           | 10           | left             | 1        | 30          | ON DEMAND    |
| 1 1/2  | 38     | 43     | 0.5            | -               | 180    | 38             | 1.5                          | 4.8         | 10           | left             | 1        | 30          | ON DEMAND    |
|        | 40     | 45     | 0.5            | -               | 200    | 40             | 1.4                          | 4.5         | 10           | left             | 1        | 30          | IN STOCK     |
| 1 3/4  | 45     | 50     | 0.5            | -               | 220    | 45             | 1.3                          | 4           | 10           | left             | 1        | 30          | IN STOCK     |
| 2      | 50     | 55     | 0.55           | -               | 280    | 50             | 1.2                          | 3.5         | 12           | left             | 1.2      | 30          | IN STOCK     |
|        | 55     | 60     | 0.55           | -               | 300    | 55             | 1.1                          | 3           | 12           | left             | 1.2      | 30          | ON DEMAND    |
|        | 60     | 65     | 0.55           | -               | 330    | 60             | 1                            | 3           | 12           | left             | 1.2      | 30          | ON DEMAND    |
| 2 1/2  | 63     | 68     | 0.55           | -               | 350    | 63             | 0.9                          | 2.5         | 12           | left             | 1.2      | 30          | IN STOCK     |
|        | 70     | 77     | 0.6            | -               | 420    | 70             | 0.8                          | 2.5         | 14           | left             | 1.4      | 30          | ON DEMAND    |
|        | 75     | 82     | 0.6            | -               | 440    | 75             | 0.8                          | 2           | 14           | left             | 1.4      | 30          | IN STOCK     |
|        | 80     | 87     | 0.6            | -               | 480    | 80             | 0.7                          | 2           | 14           | left             | 1.4      | 30          | IN STOCK     |
| 3 1/2  | 90     | 97     | 0.6            | -               | 520    | 90             | 0.7                          | 2           | 14           | left             | 1.4      | 30          | ON DEMAND    |
|        | 100    | 107    | 0.65           | -               | 660    | 100            | 0.6                          | 1.5         | 16           | left             | 1.6      | 30          | IN STOCK     |
|        | 110    | 117    | 0.65           | -               | 720    | 110            | 0.6                          | 1.5         | 16           | left             | 1.6      | 30          | IN STOCK     |
|        | 120    | 127    | 0.65           | -               | 780    | 120            | 0.5                          | 1.5         | 16           | left             | 1.6      | 30          | ON DEMAND    |
|        | 125    | 132    | 0.65           | -               | 800    | 125            | 0.5                          | 1.5         | 16           | left             | 1.6      | 30          | IN STOCK     |
|        | 128    | 135    | 0.65           | -               | 820    | 128            | 0.5                          | 1.5         | 16           | left             | 1.6      | 30          | IN STOCK     |
|        | 130    | 137    | 0.65           | -               | 840    | 130            | 0.5                          | 1.5         | 16           | left             | 1.6      | 30          | ON DEMAND    |
|        | 140    | 147    | 0.65           | -               | 900    | 140            | 0.5                          | 1.5         | 16           | left             | 1.6      | 30          | ON DEMAND    |
|        | 150    | 157    | 0.7            | -               | 1100   | 150            | 0.4                          | 1           | 18           | left             | 1.8      | 30          | IN STOCK     |
|        | 160    | 167    | 0.7            | -               | 1160   | 160            | 0.4                          | 1           | 18           | left             | 1.8      | 30          | IN STOCK     |
|        | 170    | 177    | 0.7            | -               | 1240   | 170            | 0.4                          | 1           | 18           | left             | 1.8      | 30          | ON DEMAND    |
|        | 173    | 179    | 0.7            | -               | 1250   | 173            | 0.4                          | 1           | 18           | left             | 1.8      | 30          | ON DEMAND    |
|        | 180    | 187    | 0.7            | -               | 1300   | 180            | 0.4                          | 1           | 18           | left             | 1.8      | 30          | ON DEMAND    |
|        | 200    | 207    | 0.7            | -               | 1440   | 200            | 0.3                          | 1           | 18           | left             | 1.8      | 30          | IN STOCK     |
|        | 220    | 227    | 0.7            | -               | 1580   | 220            | 0.3                          | 0.5         | 18           | left             | 1.8      | 15          | ON DEMAND    |
|        | 227    | 235    | 0.7            | -               | 1700   | 227            | 0.3                          | 0.5         | 18           | left             | 1.8      | 15          | ON DEMAND    |
|        | 250    | 259    | 0.8            | -               | 1880   | 250            | 0.2                          | 0.5         | 22           | left             | 2        | 15          | ON DEMAND    |
|        | 280    | 289    | 0.8            | -               | 2100   | 280            | 0.2                          | 0.5         | 22           | left             | 2        | 15          | ON DEMAND    |
|        | 300    | 309    | 0.8            | -               | 2250   | 300            | 0.2                          | 0.4         | 22           | left             | 2        | 15          | ON DEMAND    |
|        | 325    | 334    | 0.8            | -               | 2450   | 325            | 0.2                          | 0.4         | 22           | left             | 2        | 15          | ON DEMAND    |
|        | 350    | 359    | 0.8            | -               | 2600   | 350            | 0.1                          | 0.4         | 22           | left             | 2        | 15          | ON DEMAND    |
|        | 400    | 409    | 0.8            | -               | 3000   | 400            | 0.1                          | 0.4         | 22           | left             | 2        | 15          | ON DEMAND    |

All technical specifications apply to a temperature of 23°C ± 2°C (ISO 291). - Tolerance on all specifications ± 5%.