Ocono
Italy

# FLEXADUX® P70LPU FOOD

Medium weight and flexible Polyurethane hose, food grade



**Applications** food production & -conveying, conveying of abrasive media, conveying technology, dosing, extractions arms

**Structure** Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

**Temperature** -40°C up to 100°C

**Properties** good abrasion resistance, very smooth inside, good flexibility, very good low-temperature flexibility, free of halogen & softeners

**Norms** certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E | FDA standard 21 CFR 177.2600 & 178.2010 | manufacturing process according to GMP EC 2023/2006







made in Germany

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---|---|---|---|---|---|---|---|---|
| 25 | 30,00 | 0,70 | 15 | 1,55 | 0,40 | 2,20 | 10 | 07508025-1000-000-00 |
| 25 | 30,00 | 0,70 | 15 | 1,55 | 0,40 | 3,30 | 15 | 07508025-1500-000-00 |
| 32 | 37,00 | 0,70 | 22 | 1,45 | 0,35 | 2,77 | 10 | 07508032-1000-000-00 |
| 32 | 37,00 | 0,70 | 22 | 1,45 | 0,35 | 4,16 | 15 | 07508032-1500-000-00 |
| 38 | 43,00 | 0,70 | 26 | 1,40 | 0,34 | 3,26 | 10 | 07508038-1000-000-00 |
| 38 | 43,00 | 0,70 | 26 | 1,40 | 0,34 | 4,89 | 15 | 07508038-1500-000-00 |
| 40 | 45,00 | 0,70 | 28 | 1,35 | 0,32 | 3,42 | 10 | 07508040-1000-000-00 |
| 40 | 45,00 | 0,70 | 28 | 1,35 | 0,32 | 5,13 | 15 | 07508040-1500-000-00 |
| 51 | 57,00 | 0,70 | 36 | 1,18 | 0,27 | 3,93 | 10 | 07508051-1000-000-00 |
| 51 | 57,00 | 0,70 | 36 | 1,18 | 0,27 | 5,89 | 15 | 07508051-1500-000-00 |
| 60 | 66,00 | 0,70 | 42 | 1,18 | 0,27 | 4,60 | 10 | 07508060-1000-000-00 |
| 60 | 66,00 | 0,70 | 42 | 1,18 | 0,27 | 6,89 | 15 | 07508060-1500-000-00 |
| 65 | 71,00 | 0,70 | 48 | 1,10 | 0,25 | 4,97 | 10 | 07508065-1000-000-00 |
| 65 | 71,00 | 0,70 | 48 | 1,10 | 0,25 | 7,45 | 15 | 07508065-1500-000-00 |
| 70 | 76,00 | 0,70 | 51 | 1,10 | 0,25 | 5,34 | 10 | 07508070-1000-000-00 |
| 70 | 76,00 | 0,70 | 51 | 1,10 | 0,25 | 8,01 | 15 | 07508070-1500-000-00 |
| 75 | 81,00 | 0,70 | 53 | 0,90 | 0,23 | 5,71 | 10 | 07508075-1000-000-00 |
| 75 | 81,00 | 0,70 | 53 | 0,90 | 0,23 | 8,56 | 15 | 07508075-1500-000-00 |
| 80 | 86,00 | 0,70 | 56 | 0,86 | 0,21 | 6,08 | 10 | 07508080-1000-000-00 |
| 80 | 86,00 | 0,70 | 56 | 0,86 | 0,21 | 9,12 | 15 | 07508080-1500-000-00 |
| 90 | 96,00 | 0,70 | 60 | 0,75 | 0,20 | 16,94 | 15 | 07508090-1500-000-00 |
| 90 | 96,00 | 0,70 | 60 | 0,75 | 0,20 | 11,29 | 10 | 07508090-1000-000-00 |



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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 23.11.2026

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---|---|---|---|---|---|---|---|---|
| 100 | 106,00 | 0,70 | 70 | 0,64 | 0,19 | 7,56 | 10 | 07508100-1000-000-00 |
| 100 | 106,00 | 0,70 | 70 | 0,64 | 0,19 | 11,34 | 15 | 07508100-1500-000-00 |
| 110 | 116,00 | 0,70 | 78 | 0,60 | 0,17 | 8,30 | 10 | 07508110-1000-000-00 |
| 110 | 116,00 | 0,70 | 78 | 0,60 | 0,17 | 12,45 | 15 | 07508110-1500-000-00 |
| 115 | 121,00 | 0,70 | 80 | 0,58 | 0,16 | 8,67 | 10 | 07508115-1000-000-00 |
| 115 | 121,00 | 0,70 | 80 | 0,58 | 0,16 | 13,01 | 15 | 07508115-1500-000-00 |
| 120 | 126,00 | 0,70 | 84 | 0,54 | 0,16 | 8,95 | 10 | 07508120-1000-000-00 |
| 120 | 126,00 | 0,70 | 84 | 0,54 | 0,16 | 13,42 | 15 | 07508120-1500-000-00 |
| 125 | 131,00 | 0,70 | 88 | 0,50 | 0,15 | 13,97 | 15 | 07508125-1500-000-00 |
| 125 | 131,00 | 0,70 | 88 | 0,50 | 0,15 | 9,31 | 10 | 07508125-1000-000-00 |
| 140 | 146,00 | 0,70 | 98 | 0,43 | 0,11 | 10,41 | 10 | 07508140-1000-000-00 |
| 140 | 146,00 | 0,70 | 98 | 0,43 | 0,11 | 15,62 | 15 | 07508140-1500-000-00 |
| 150 | 156,00 | 0,70 | 105 | 0,41 | 0,11 | 11,15 | 10 | 07508150-1000-000-00 |
| 150 | 156,00 | 0,70 | 105 | 0,41 | 0,11 | 16,72 | 15 | 07508150-1500-000-00 |
| 160 | 166,00 | 0,70 | 112 | 0,37 | 0,11 | 11,88 | 10 | 07508160-1000-000-00 |
| 160 | 166,00 | 0,70 | 112 | 0,37 | 0,11 | 17,82 | 15 | 07508160-1500-000-00 |
| 180 | 187,00 | 0,70 | 126 | 0,32 | 0,11 | 15,96 | 10 | 07508180-1000-000-00 |
| 180 | 187,00 | 0,70 | 126 | 0,32 | 0,11 | 23,93 | 15 | 07508180-1500-000-00 |
| 200 | 207,00 | 0,70 | 140 | 0,27 | 0,10 | 17,71 | 10 | 07508200-1000-000-00 |
| 200 | 207,00 | 0,70 | 140 | 0,27 | 0,10 | 26,56 | 15 | 07508200-1500-000-00 |
| 250 | 257,00 | 0,70 | 175 | 0,21 | 0,06 | 22,09 | 10 | 07508250-1000-000-00 |
| 250 | 257,00 | 0,70 | 175 | 0,21 | 0,06 | 33,14 | 15 | 07508250-1500-000-00 |



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