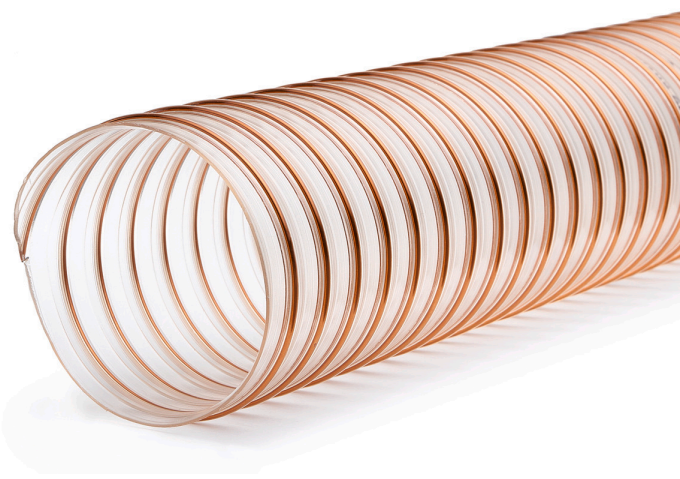
# PU FOOD AS 0,7

Flexible, medium-weight spiral plastic hose made of polyurethane, antistatic with food-grade walls



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

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

**Temperature** -40°C up to 100°C, short term up to 125°C

**Properties** good flexibility, very good low-temperature flexibility, hydrolysis & microbe resistant, very smooth inside, good temperature resistance, permanently antistatic (R < $10^9$ Ohm)

**Norms** material according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 | 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 | 31,00 | 0,70 | 15 | 1,55 | 0,40 | 2,20 | 10 | NU54802500K |
| 25 | 31,00 | 0,70 | 15 | 1,55 | 0,40 | 3,29 | 15 | NU54802500M |
| 32 | 38,00 | 0,70 | 22 | 1,45 | 0,35 | 2,74 | 10 | NU54803200K |
| 32 | 38,00 | 0,70 | 22 | 1,45 | 0,35 | 4,11 | 15 | NU54803200M |
| 38 | 44,00 | 0,70 | 26 | 1,40 | 0,34 | 4,81 | 15 | NU54803800M |
| 38 | 44,00 | 0,70 | 26 | 1,40 | 0,34 | 3,21 | 10 | NU54803800K |
| 40 | 46,00 | 0,70 | 28 | 1,35 | 0,32 | 3,37 | 10 | NU54804000K |
| 40 | 46,00 | 0,70 | 28 | 1,35 | 0,32 | 5,05 | 15 | NU54804000M |
| 50 | 57,00 | 0,70 | 35 | 1,18 | 0,27 | 3,62 | 10 | NU54805000K |
| 50 | 57,00 | 0,70 | 35 | 1,18 | 0,27 | 5,43 | 15 | NU54805000M |
| 60 | 67,00 | 0,70 | 42 | 1,18 | 0,27 | 4,30 | 10 | NU54806000K |
| 60 | 67,00 | 0,70 | 42 | 1,18 | 0,27 | 6,45 | 15 | NU54806000M |
| 65 | 72,00 | 0,70 | 48 | 1,10 | 0,25 | 4,64 | 10 | NU54806500K |
| 65 | 72,00 | 0,70 | 48 | 1,10 | 0,25 | 6,96 | 15 | NU54806500M |
| 75 | 82,00 | 0,70 | 53 | 0,90 | 0,23 | 7,98 | 15 | NU54807500M |
| 75 | 82,00 | 0,70 | 53 | 0,90 | 0,23 | 5,32 | 10 | NU54807500K |
| 80 | 87,00 | 0,70 | 56 | 0,86 | 0,21 | 5,66 | 10 | NU54808000K |
| 80 | 87,00 | 0,70 | 56 | 0,86 | 0,21 | 8,49 | 15 | NU54808000M |
| 90 | 97,00 | 0,70 | 60 | 0,75 | 0,20 | 6,34 | 10 | NU54809000K |
| 90 | 97,00 | 0,70 | 60 | 0,75 | 0,20 | 9,51 | 15 | NU54809000M |
| 100 | 107,00 | 0,70 | 70 | 0,64 | 0,19 | 7,02 | 10 | NU54810000K |
| 100 | 107,00 | 0,70 | 70 | 0,64 | 0,19 | 10,52 | 15 | NU54810000M |



Ocono France SARL | 30 Chemin de Fortuneau | 26200 Montélimar | France | T +33 475 017575 | france@ocono.com

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Date: 25.11.2026

| 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 |
|---|---|---|---|---|---|---|---|---|
| 110 | 117,00 | 0,70 | 78 | 0,60 | 0,17 | 7,70 | 10 | NU54811000K |
| 110 | 117,00 | 0,70 | 78 | 0,60 | 0,17 | 11,54 | 15 | NU54811000M |
| 115 | 122,00 | 0,70 | 80 | 0,58 | 0,16 | 8,04 | 10 | NU54811500K |
| 115 | 122,00 | 0,70 | 80 | 0,58 | 0,16 | 12,05 | 15 | NU54811500M |
| 120 | 127,00 | 0,70 | 84 | 0,54 | 0,16 | 6,75 | 10 | NU54812000K |
| 120 | 127,00 | 0,70 | 84 | 0,54 | 0,16 | 10,13 | 15 | NU54812000M |
| 125 | 132,00 | 0,70 | 88 | 0,50 | 0,15 | 7,03 | 10 | NU54812500K |
| 125 | 132,00 | 0,70 | 88 | 0,50 | 0,15 | 10,54 | 15 | NU54812500M |
| 140 | 147,00 | 0,70 | 98 | 0,43 | 0,11 | 7,85 | 10 | NU54814000K |
| 140 | 147,00 | 0,70 | 98 | 0,43 | 0,11 | 11,77 | 15 | NU54814000M |
| 150 | 157,00 | 0,70 | 105 | 0,41 | 0,11 | 8,40 | 10 | NU54815000K |
| 150 | 157,00 | 0,70 | 105 | 0,41 | 0,11 | 12,60 | 15 | NU54815000M |
| 160 | 167,00 | 0,70 | 112 | 0,37 | 0,11 | 8,95 | 10 | NU54816000K |
| 160 | 167,00 | 0,70 | 112 | 0,37 | 0,11 | 13,42 | 15 | NU54816000M |
| 180 | 360,00 | 0,70 | 126 | 0,32 | 0,11 | 21,60 | 15 | NU54818000M |
| 180 | 360,00 | 0,70 | 126 | 0,32 | 0,11 | 14,40 | 10 | NU54818000K |
| 200 | 380,00 | 0,70 | 140 | 0,27 | 0,10 | 15,97 | 10 | NU54820000K |
| 200 | 380,00 | 0,70 | 140 | 0,27 | 0,10 | 23,95 | 15 | NU54820000M |
| 250 | 258,00 | 0,70 | 175 | 0,21 | 0,06 | 19,88 | 10 | NU54825000K |
| 250 | 258,00 | 0,70 | 175 | 0,21 | 0,06 | 29,83 | 15 | NU54825000M |
| 300 | 308,00 | 0,70 | 210 | 0,16 | 0,06 | 23,80 | 10 | NU54830000K |
| 350 | 358,00 | 0,70 | 245 | 0,11 | 0,02 | 28,85 | 10 | NU54835000K |
| 400 | 408,00 | 0,70 | 280 | 0,09 | 0,01 | 32,92 | 10 | NU54840000K |
| 450 | 458,00 | 0,70 | 315 | 0,07 | 0,01 | 37,00 | 10 | NU54845000K |
| 500 | 508,00 | 0,70 | 350 | 0,05 | 0,01 | 41,07 | 10 | NU54850000K |



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