

# POLYURETHANE HOSES

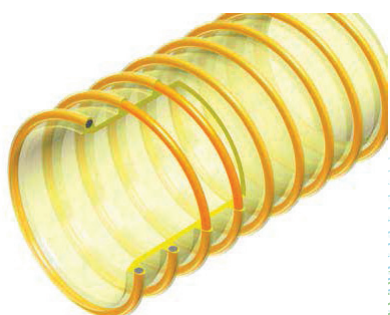
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## PU-WCOGH Copper - Coated Spring Steel Wire

**Structure:** Flexible ducting made out of food-grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, reinforced with copper-coated spring steel wire for grounding. Very smooth internal surface. Free of halogen and softeners.

**Applications:** Designed for suction and transfer of abrasive materials, granules in food, pharmaceutical paper, woodworking industries. Good oil resistance, excellent abrasion resistance. Resistant to hydrolysis and microbes.



Food-grade, heavy weight and flexible polyurethane ducting-Copper-coated spring steel wire.

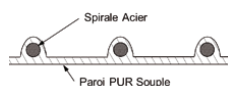
						CODE
int mm	ext mm	kg/m	mm	bar	bar	
25	1,40	0,240	38	3,00	0,90	PU.025140.WCOGH
30	1,40	0,310	45	3,00	0,90	PU.030140.WCOGH
32	1,40	0,380	48	3,00	0,90	PU.032140.WCOGH
35	1,40	0,450	53	2,60	0,80	PU.035140.WCOGH
38	1,40	0,520	57	2,40	0,75	PU.038140.WCOGH
40	1,40	0,560	60	2,30	0,70	PU.040140.WCOGH
45	1,40	0,610	68	1,90	0,60	PU.045140.WCOGH
50	1,40	0,670	75	1,90	0,60	PU.050140.WCOGH
55	1,40	0,730	83	1,80	0,55	PU.055140.WCOGH
60	1,40	0,790	90	1,80	0,55	PU.060140.WCOGH
65	1,40	0,840	98	1,20	0,50	PU.065140.WCOGH
70	1,40	0,890	105	1,20	0,50	PU.070140.WCOGH
75	1,40	0,980	113	1,20	0,50	PU.075140.WCOGH
80	1,40	1,090	120	1,20	0,45	PU.080140.WCOGH
90	1,40	1,230	135	1,10	0,45	PU.090140.WCOGH
100	1,40	1,360	150	1,10	0,40	PU.100140.WCOGH
102	1,40	1,360	153	1,10	0,40	PU.102140.WCOGH
110	1,40	1,380	165	1,00	0,35	PU.110140.WCOGH
120	1,40	1,420	180	0,90	0,30	PU.120140.WCOGH
125	1,40	1,540	188	0,80	0,25	PU.125140.WCOGH
130	1,40	1,590	195	0,70	0,20	PU.130140.WCOGH
140	1,40	1,750	210	0,70	0,20	PU.140140.WCOGH
150	1,40	1,820	225	0,70	0,20	PU.150140.WCOGH
160	1,40	2,150	240	0,60	0,20	PU.160140.WCOGH
170	1,40	2,350	255	0,50	0,15	PU.170140.WCOGH
180	1,40	2,550	270	0,50	0,15	PU.180140.WCOGH
200	1,40	2,920	300	0,50	0,15	PU.200140.WCOGH
215	1,40	3,090	323	0,40	0,10	PU.215140.WCOGH
225	1,40	3,250	338	0,40	0,10	PU.225140.WCOGH
250	1,40	3,570	375	0,30	0,10	PU.250140.WCOGH
300	1,40	4,310	450	0,30	0,10	PU.300140.WCOGH
350	1,40	5,050	525	0,20	0,10	PU.350140.WCOGH



**Temperature:** - 40 / + 100 °C  
- 40 / + 212 °F

**Properties:** Solid construction, exceptional smooth bore, very good abrasion and oil resistance, free of halogen and softeners, resistance to hydrolysis and microbes.

**Colors:**

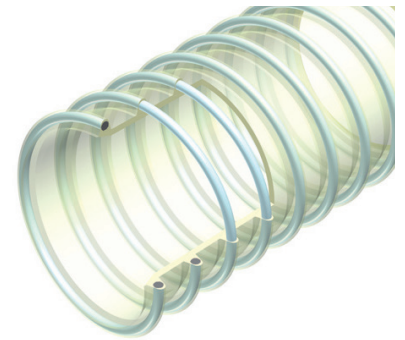


**Cuffs screw-able on request:**



## PU-SCOPH Permanent Antistatic

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the EC-guideline (EG) Nr. 1935/2004 and modified EU regulation 10/2011, FDA regulation (EG) Nr. 10/2011, FDA-Norm 21 CFR 177.2600 and 178.2010 and permanent antistatic ( $R < 109 \text{ Ohm}$ ), reinforced with stainless steel wire. Extremely smooth bore inside.



**Applications:** Suction and discharging of abrasive and granular materials, suitable for applications in food and pharmaceutical industry.

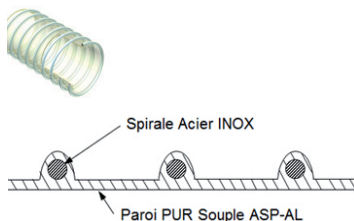
Heavy weight and flexible polyurethane ducting, permanent antistatic and food proved.









**Temperature:** - 40 / + 100 °C  
- 40 / + 212 °F

**Properties:** Resistant to hydrolysis and microbes, food grade permanent antistatic, excellent abrasion resistance. Very smooth bore and good flexibility. Free of halogen and softeners.

**Colors:**

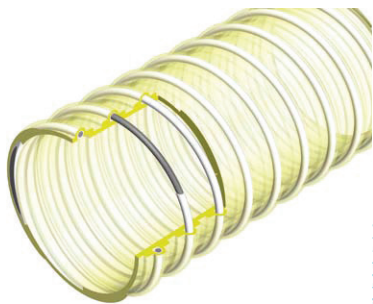


						CODE
int mm	ext mm	kg/m	mm	bar	bar	
25	1,40	0,340	38	3,00	0,90	PU.025140.SCOPH
30	1,40	0,420	45	3,00	0,90	PU.030140.SCOPH
40	1,40	0,540	60	2,30	0,70	PU.040140.SCOPH
50	1,40	0,670	75	1,90	0,60	PU.050140.SCOPH
60	1,40	0,800	90	1,80	0,55	PU.060140.SCOPH
70	1,40	0,920	105	1,60	0,50	PU.070140.SCOPH
75	1,40	0,990	113	1,40	0,50	PU.075140.SCOPH
80	1,40	1,050	120	1,20	0,45	PU.080140.SCOPH
90	1,40	1,180	135	1,10	0,40	PU.090140.SCOPH
100	1,40	1,520	150	1,10	0,40	PU.100140.SCOPH
110	1,40	1,670	165	1,00	0,35	PU.110140.SCOPH
120	1,40	1,820	180	0,90	0,30	PU.120140.SCOPH
125	1,40	1,890	188	0,80	0,25	PU.125140.SCOPH
140	1,40	2,110	210	0,70	0,20	PU.140140.SCOPH
150	1,40	2,430	225	0,70	0,20	PU.150140.SCOPH
160	1,40	2,590	240	0,60	0,20	PU.160140.SCOPH
175	1,40	2,820	263	0,55	0,15	PU.175140.SCOPH
200	1,40	3,370	300	0,50	0,15	PU.200140.SCOPH
225	1,40	3,780	338	0,40	0,10	PU.225140.SCOPH
250	1,40	4,190	375	0,30	0,10	PU.250140.SCOPH
300	1,40	5,010	450	0,30	0,10	PU.300140.SCOPH
350	1,40	5,330	525	0,25	0,09	PU.350140.SCOPH
400	1,40	6,080	600	0,20	0,09	PU.400140.SCOPH
450	1,40	6,830	675	0,10	0,08	PU.450140.SCOPH







## PU-WPOG PVC - Coated Spring Steel Wire

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, reinforced with PVC-coated spring steel wire for grounding.

**Applications:** Designed for suction of abrasive materials, transport of granules in food, pharmaceutical, paper, wood-working industries. Good oil resistance, excellent abrasion resistance. Resistant to hydrolysis and microbes.



Food-grade, medium weight and flexible polyurethane ducting-PVC-coated spring steel wire.

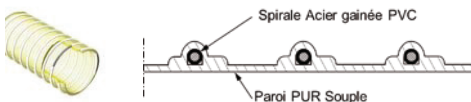
						CODE
int mm	ext mm	kg/m	mm	bar	bar	
20	0,80	0,170	30	2,30	0,70	PU.020080.WPOG
25	0,80	0,210	45	2,10	0,50	PU.025080.WPOG
30	0,80	0,250	45	2,10	0,50	PU.030080.WPOG
32	0,80	0,300	48	2,00	0,45	PU.032080.WPOG
40	0,90	0,350	60	2,00	0,45	PU.040090.WPOG
45	0,90	0,400	68	1,80	0,40	PU.045090.WPOG
50	0,90	0,440	75	1,80	0,40	PU.050090.WPOG
55	0,90	0,480	83	1,60	0,35	PU.055090.WPOG
60	0,90	0,530	90	1,60	0,35	PU.060090.WPOG
65	0,90	0,570	98	1,50	0,35	PU.065090.WPOG
70	0,90	0,610	105	1,50	0,35	PU.070090.WPOG
75	0,90	0,640	113	1,20	0,30	PU.075090.WPOG
80	0,90	0,670	120	1,20	0,30	PU.080090.WPOG
85	0,90	0,930	128	1,00	0,30	PU.085090.WPOG
90	0,90	1,180	135	1,00	0,30	PU.090090.WPOG
100	1,10	1,020	150	1,00	0,30	PU.100110.WPOG
115	1,10	1,120	173	0,80	0,25	PU.115110.WPOG
120	1,10	1,220	180	0,80	0,25	PU.120110.WPOG
125	1,10	1,280	185	0,75	0,20	PU.125110.WPOG
130	1,10	1,330	195	0,50	0,20	PU.130110.WPOG
140	1,10	1,380	210	0,50	0,20	PU.140110.WPOG
150	1,10	1,460	225	0,50	0,20	PU.150110.WPOG
160	1,10	1,520	240	0,45	0,15	PU.160110.WPOG
170	1,10	1,600	250	0,45	0,15	PU.170110.WPOG
175	1,10	1,700	260	0,45	0,15	PU.175110.WPOG
180	1,10	1,780	270	0,35	0,12	PU.180110.WPOG
200	1,10	1,940	300	0,35	0,12	PU.200110.WPOG
225	1,30	2,550	338	0,25	0,10	PU.225130.WPOG
250	1,30	3,150	375	0,25	0,10	PU.250130.WPOG
300	1,30	3,780	450	0,20	0,09	PU.300130.WPOG
350	1,30	4,410	525	0,15	0,09	PU.350130.WPOG
400	1,30	5,050	600	0,10	0,08	PU.400130.WPOG
450	1,30	6,710	675	0,08	0,06	PU.450130.WPOG
500	1,30	7,200	750	0,05	0,04	PU.500130.WPOG



**Temperature:** - 30 / + 100 °C  
- 22 / + 212 °F

**Properties:** Smooth bore, excellent flexibility, solid construction, resistance to Hydrolysis and microbes..

**Colors:**



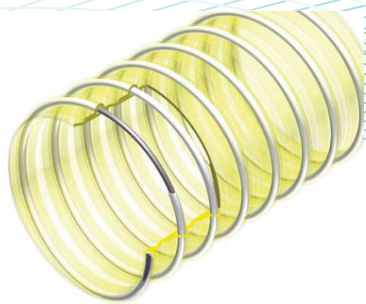
**Cuffs screw-able on request:**



## PU-WP1G PVC - Coated Spring Steel Wire

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, reinforced with PVC-coated spring steel wire for grounding.

**Applications:** Designed for suction or transport of light weight materials (dust, splinters and fibers) in food, pharmaceutical and paper industry. Suitable for wet environments due to its good resistance to hydrolysis microbes and abrasion.



Food-grade, light weight and very flexible polyurethane ducting-PVC-coated spring steel wire.

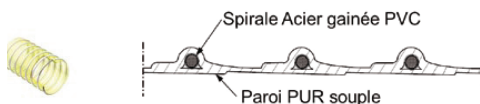








**Printing:** CE 10/2011 n°lot 

**Temperature:** - 40 / + 100 °C  
- 40 / + 212 °F

**Properties:** Smooth bore, excellent flexibility, solid construction.

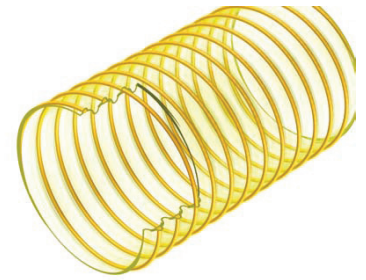
**Colors:**



							<b>CODE</b>
	int mm	ext mm	kg/m	mm	bar	bar	
20	0,50	0,162	20	1,80	0,40	PU.020050.WP1G	
25	0,50	0,202	25	1,65	0,40	PU.025050.WP1G	
28	0,50	0,222	28	1,60	0,35	PU.028050.WP1G	
30	0,50	0,243	30	1,60	0,35	PU.030050.WP1G	
32	0,50	0,259	32	1,40	0,30	PU.032050.WP1G	
35	0,50	0,283	35	1,40	0,30	PU.035050.WP1G	
38	0,50	0,313	38	1,40	0,30	PU.038050.WP1G	
40	0,50	0,343	40	1,40	0,30	PU.040050.WP1G	
45	0,50	0,386	45	1,35	0,30	PU.045050.WP1G	
50	0,50	0,397	50	1,30	0,28	PU.050050.WP1G	
55	0,50	0,444	55	1,10	0,25	PU.055050.WP1G	
60	0,50	0,465	60	1,10	0,25	PU.060050.WP1G	
65	0,50	0,491	65	1,00	0,23	PU.065050.WP1G	
70	0,50	0,541	70	1,00	0,23	PU.070050.WP1G	
75	0,50	0,592	75	0,80	0,20	PU.075050.WP1G	
80	0,50	0,623	80	0,70	0,18	PU.080050.WP1G	
85	0,50	0,670	85	0,70	0,18	PU.085050.WP1G	
90	0,50	0,701	90	0,70	0,18	PU.090050.WP1G	
100	0,60	0,866	100	0,60	0,15	PU.100060.WP1G	
110	0,60	0,934	110	0,50	0,15	PU.110060.WP1G	
115	0,60	0,940	115	0,45	0,12	PU.115060.WP1G	
120	0,60	1,000	120	0,45	0,12	PU.120060.WP1G	
125	0,60	1,078	125	0,40	0,12	PU.125060.WP1G	
130	0,60	1,100	130	0,30	0,11	PU.130060.WP1G	
140	0,60	1,185	140	0,30	0,10	PU.140060.WP1G	
150	0,60	1,291	150	0,25	0,10	PU.150060.WP1G	
160	0,60	1,359	160	0,25	0,10	PU.160060.WP1G	
170	0,85	1,866	170	0,20	0,10	PU.170085.WP1G	
180	0,85	2,047	180	0,20	0,09	PU.180085.WP1G	
200	0,85	2,228	200	0,18	0,09	PU.200085.WP1G	
225	0,85	2,414	225	0,15	0,08	PU.225085.WP1G	
250	0,85	2,765	250	0,15	0,08	PU.250085.WP1G	
280	0,85	3,073	280	0,12	0,08	PU.280085.WP1G	
300	0,85	3,292	300	0,12	0,06	PU.300085.WP1G	
350	0,85	3,841	350	0,10	0,06	PU.350085.WP1G	
400	0,85	4,390	400	0,08	0,02	PU.400085.WP1G	
450	0,85	4,938	450	0,06	0,01	PU.450085.WP1G	
500	0,85	5,487	500	0,04	0,01	PU.500085.WP1G	







## PU-WC2GH Copper - Coated Spring Steel Wire

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, reinforced with copper coated steel spring wire for grounding. Halogen and softener free.



**Applications:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011 reinforced with copper-coated spring steel wire for grounding. Halogen and softener free.

**Food-grade, light weight and very flexible polyurethane ducting-Copper-coated spring steel wire.**

						CODE
int mm	ext mm	kg/m	mm	bar	bar	
20	0,40	0,12	15	0,80	0,40	PU.020040.WC2GH
20	0,50	0,16	20	1,80	0,45	PU.020050.WC2GH
25	0,40	0,15	18	0,70	0,35	PU.025040.WC2GH
25	0,50	0,20	25	1,65	0,40	PU.025050.WC2GH
28	0,50	0,23	28	1,60	0,35	PU.028050.WC2GH
30	0,40	0,17	21	0,60	0,30	PU.030040.WC2GH
30	0,50	0,24	30	1,60	0,35	PU.030050.WC2GH
32	0,50	0,26	32	1,40	0,30	PU.032050.WC2GH
35	0,40	0,19	24	0,60	0,30	PU.035040.WC2GH
35	0,50	0,28	35	1,40	0,30	PU.035050.WC2GH
38	0,50	0,32	38	1,40	0,30	PU.038050.WC2GH
40	0,40	0,23	28	0,50	0,25	PU.040040.WC2GH
40	0,50	0,36	40	1,40	0,30	PU.040050.WC2GH
45	0,40	0,26	33	0,50	0,20	PU.045040.WC2GH
45	0,50	0,39	45	1,35	0,30	PU.045050.WC2GH
50	0,40	0,30	35	0,40	0,20	PU.050040.WC2GH
50	0,50	0,40	50	1,30	0,28	PU.050050.WC2GH
55	0,50	0,45	55	1,10	0,25	PU.055050.WC2GH
60	0,40	0,34	42	0,40	0,16	PU.060040.WC2GH
60	0,50	0,47	60	1,10	0,25	PU.060050.WC2GH
63	0,40	0,36	43	0,40	0,14	PU.063040.WC2GH
65	0,50	0,49	65	1,00	0,23	PU.065050.WC2GH
70	0,40	0,40	49	0,40	0,14	PU.070040.WC2GH
70	0,50	0,54	70	1,00	0,23	PU.070050.WC2GH
75	0,40	0,43	53	0,30	0,10	PU.075040.WC2GH
75	0,50	0,59	75	0,80	0,20	PU.075050.WC2GH
80	0,40	0,46	56	0,30	0,10	PU.080040.WC2GH
80	0,50	0,63	80	0,70	0,18	PU.080050.WC2GH
90	0,40	0,48	62	0,20	0,09	PU.090040.WC2GH
90	0,50	0,70	90	0,70	0,18	PU.090050.WC2GH
100	0,40	0,52	70	0,20	0,09	PU.100040.WC2GH

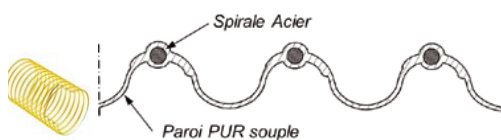








**Printing:** CE 10/2011 n°lot 

**Temperature:** - 30 / + 100 °C  
- 22 / + 212 °F

**Properties:** Smooth bore, excellent flexibility, solid construction.

**Colors:**

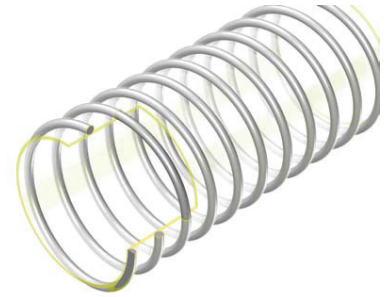


						CODE
int mm	ext mm	kg/m	mm	bar	bar	
100	0,60	0,87	100	0,60	0,15	PU.100060.WC2GH
110	0,40	0,58	74	0,20	0,08	PU.110040.WC2GH
110	0,60	0,94	110	0,50	0,15	PU.110060.WC2GH
120	0,40	0,63	82	0,20	0,07	PU.120040.WC2GH
120	0,60	1,00	120	0,45	0,12	PU.120060.WC2GH
125	0,60	1,08	125	0,40	0,12	PU.125060.WC2GH
130	0,40	0,67	92	0,15	0,07	PU.130040.WC2GH
130	0,60	1,10	130	0,30	0,11	PU.130060.WC2GH
140	0,40	0,73	97	0,10	0,06	PU.140040.WC2GH
140	0,60	1,19	140	0,30	0,10	PU.140060.WC2GH
150	0,40	0,77	105	0,10	0,06	PU.150040.WC2GH
150	0,60	1,29	150	0,25	0,10	PU.150060.WC2GH
160	0,40	0,73	117	0,10	0,06	PU.160040.WC2GH
160	0,60	1,36	160	0,25	0,10	PU.160060.WC2GH
170	0,40	0,90	123	0,09	0,05	PU.170040.WC2GH
180	0,40	0,96	130	0,08	0,05	PU.180040.WC2GH
180	0,85	2,05	180	0,20	0,09	PU.180085.WC2GH
200	0,40	1,02	140	0,08	0,05	PU.200040.WC2GH
200	0,85	2,23	200	0,18	0,09	PU.200085.WC2GH
225	0,85	2,42	225	0,15	0,08	PU.225085.WC2GH
250	0,40	1,28	175	0,05	0,04	PU.250040.WC2GH
250	0,85	2,77	250	0,15	0,08	PU.250085.WC2GH
280	0,40	1,41	192	0,03	0,03	PU.280040.WC2GH
280	0,85	3,07	280	0,12	0,08	PU.280085.WC2GH
300	0,40	1,54	210	0,03	0,03	PU.300040.WC2GH
300	0,85	3,29	300	0,12	0,06	PU.300085.WC2GH
350	0,40	1,79	245	0,02	0,02	PU.350040.WC2GH
350	0,85	3,84	350	0,10	0,06	PU.350085.WC2GH
400	0,40	2,05	280	0,02	0,02	PU.400040.WC2GH
400	0,85	4,39	400	0,08	0,02	PU.400085.WC2GH
450	0,40	2,30	315	0,01	0,01	PU.450040.WC2GH
500	0,40	2,56	350	0,01	0,01	PU.500040.WC2GH

**PU-P0** Rigid PVC Helix

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, FDA regulation 10/2011, reinforced with shock resistant PVC spiral.

**Applications:** Designed for very light suction and transport of abrasive particles, granules, waste, dust, in wood, pharmaceutical and plastic industry, sweepers, lawn mowers. Good resistance to hydrolysis, microbes and abrasion.



Food-grade, very light weight and very flexible polyurethane ducting-rigid PVC helix.



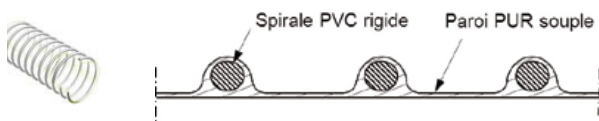
**Printing:** CE 10/2011 n°lot 

**Temperature:** - 30 / + 80 °C  
- 22 / + 176 °F

**Properties:** Smooth bore, excellent flexibility, solid construction.

**Colors:**

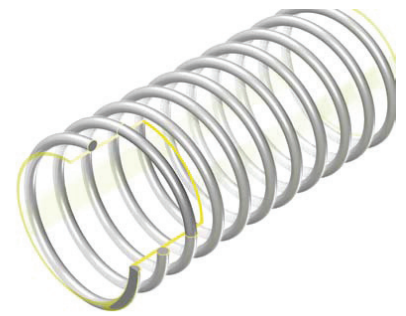
						CODE
int mm	ext mm	kg/m	mm	bar	bar	
75	0,50	0,520	75	0,60	0,15	PU.075050.P0
80	0,50	0,570	80	0,60	0,10	PU.080050.P0
90	0,50	0,680	90	0,60	0,10	PU.090050.P0
100	0,50	0,700	100	0,60	0,10	PU.100050.P0
110	0,60	0,820	110	0,50	0,10	PU.110060.P0
120	0,60	0,930	120	0,50	0,10	PU.120060.P0
150	0,70	1,300	150	0,40	0,10	PU.150070.P0



**PU-PO** Polyurethane Ducting-Rigid PVC

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011, reinforced with shock resistant PVC spiral.

**Applications:** Designed for very light suction and transport of abrasive particles, granules, waste, dust, in wood, pharmaceutical and plastic industry, sweepers, lawn mowers. Good resistance to hydrolysis, microbes and abrasion.



Food-grade, light weight and very flexible polyurethane ducting-rigid PVC.

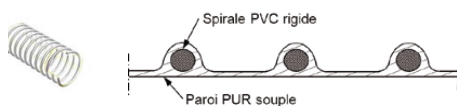


**Printing:** CE 10/2011 n°lot 

**Temperature:** - 30 / + 80 °C  
- 22 / + 176 °F







**Properties:** Smooth bore, excellent flexibility, solid construction.

**Colors:**



**Cuffs screw-able on request:**



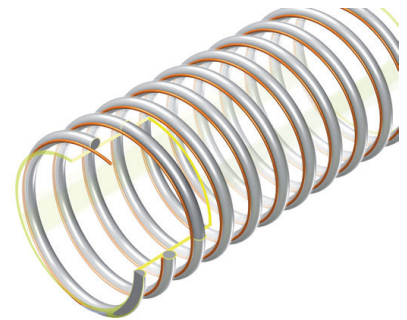
						<b>CODE</b>
int mm	ext mm	kg/m	mm	bar	bar	
16	0,50	0,100	16	1,50	0,60	PU.016050.PO
20	0,50	0,140	20	1,50	0,60	PU.020050.PO
25	0,55	0,160	25	1,50	0,60	PU.025055.PO
30	0,55	0,195	30	1,50	0,60	PU.030055.PO
32	0,55	0,210	32	1,50	0,60	PU.032055.PO
35	0,55	0,240	35	1,50	0,60	PU.035055.PO
38	0,60	0,260	38	1,50	0,50	PU.038060.PO
40	0,60	0,265	40	1,50	0,50	PU.040060.PO
45	0,60	0,300	45	1,50	0,45	PU.045060.PO
50	0,60	0,335	50	1,00	0,45	PU.050060.PO
55	0,60	0,370	55	1,00	0,30	PU.055060.PO
60	0,60	0,405	60	1,00	0,30	PU.060060.PO
63	0,65	0,425	63	1,00	0,30	PU.063065.PO
65	0,65	0,460	65	1,00	0,30	PU.065065.PO
70	0,70	0,520	70	1,00	0,25	PU.070070.PO
75	0,70	0,580	75	1,00	0,25	PU.075070.PO
80	0,70	0,630	80	1,00	0,16	PU.080070.PO
90	0,70	0,730	90	1,00	0,16	PU.090070.PO
100	0,70	0,845	100	1,00	0,16	PU.100070.PO
102	0,70	0,880	102	0,80	0,16	PU.102070.PO
110	0,75	0,915	110	0,80	0,16	PU.110075.PO
120	0,75	1,025	120	0,80	0,16	PU.120075.PO
125	0,80	1,075	125	0,80	0,16	PU.125080.PO
140	0,85	1,280	140	0,60	0,16	PU.140085.PO
150	0,85	1,440	150	0,60	0,16	PU.150085.PO
160	0,90	1,600	160	0,50	0,16	PU.160090.PO
180	1,00	1,910	180	0,50	0,16	PU.180100.PO
200	1,10	2,225	200	0,40	0,16	PU.200110.PO
250	1,10	3,000	250	0,30	0,15	PU.250110.PO

## PU-PCOG

Rigid PVC Helix - Copper wire for grounding

**Structure:** Flexible ducting made out of food-grade polyether polyurethane wall in accordance with the modified EU regulation 10/2011 (simulant A, B, C, D1) and CE 1935/2004, reinforced with shock-resistant PVC spiral, copper wire for grounding.

**Applications:** Designed for suction and transport of abrasive particles, granules, waste, dust, in wood, pharmaceutical and plastic industry, sweepers, lawn mowers. Good resistance to hydrolysis, microbes and abrasion.



Food-grade, Light weight and flexible polyurethane ducting Rigid PVC Helix - Copper wire for grounding

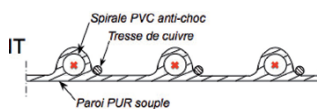


Printing: CE 10/2011 n°lot 

Temperature: - 30 / + 80 °C  
- 22 / + 176 °F







**Properties:** Smooth bore, excellent flexibility, solid construction.

**Colors:**



**Cuffs screw-able on request:**



						CODE
int mm	ext mm	kg/m	mm	bar	bar	
20	50	0,170	30,0	1,80	0,63	PU.020050.PCOG
25	55	0,190	37,5	1,60	0,63	PU.025055.PCOG
30	55	0,235	45,0	1,50	0,63	PU.030055.PCOG
32	55	0,250	48,0	1,50	0,63	PU.032055.PCOG
35	55	0,270	52,5	1,50	0,63	PU.035055.PCOG
38	60	0,300	57,0	1,50	0,50	PU.038060.PCOG
40	60	0,310	60,0	1,50	0,50	PU.040060.PCOG
45	60	0,350	67,5	1,50	0,45	PU.045060.PCOG
51	60	0,385	75,0	1,50	0,45	PU.051060.PCOG
60	60	0,465	90,0	1,00	0,30	PU.060060.PCOG
65	65	0,545	97,5	1,00	0,30	PU.065065.PCOG
70	70	0,585	105,0	1,00	0,26	PU.070070.PCOG
76	70	0,630	112,5	1,00	0,26	PU.076070.PCOG
80	70	0,700	120,0	1,00	0,16	PU.080070.PCOG
90	70	0,800	135,0	1,00	0,16	PU.090070.PCOG
102	70	0,920	150,0	1,00	0,16	PU.102070.PCOG
110	75	1,000	165,0	0,80	0,16	PU.110075.PCOG
120	75	1,110	180,0	0,80	0,16	PU.120075.PCOG
127	80	1,165	187,5	0,80	0,16	PU.127080.PCOG
140	85	1,375	210,0	0,60	0,16	PU.140085.PCOG
152	85	1,540	225,0	0,60	0,16	PU.152085.PCOG
160	90	1,642	240,0	0,50	0,16	PU.160090.PCOG
180	100	2,105	270,0	0,50	0,16	PU.180100.PCOG
203	110	2,340	300,0	0,40	0,15	PU.203110.PCOG
250	110	2,925	375,0	0,30	0,16	PU.250110.PCOG

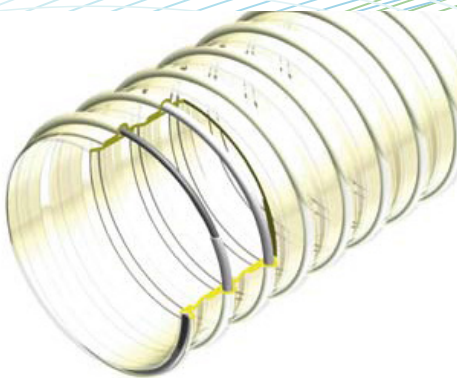
## PU-WC2G Lightweight Coated Spring Steel Wire

**Structure:** Flexible ducting made out of polyether polyurethane wall reinforced PVC coated spring steel wire for grounding.

PU AS= Antistatic:  $R < 10^8$  Ohm/m.

PU EL= Conductive:  $R < 10^4$  Ohm/m black color.

**Applications:** Designed for suction or transport in ATEX zone explosive areas, of air with highly concentrated light weight materials, oil or petrol fumes. Recommended for discharging static electricity users. Excellent flexibility even at low temperatures, high abrasion resistance.



Light weight and very flexible polyurethane ducting PVC-coated spring steel wire









**Temperature:** - 30 / + 100 °C  
- 22 / + 212 °F

**Properties:** Smooth bore, excellent flexibility, solid construction.

**Colors:**

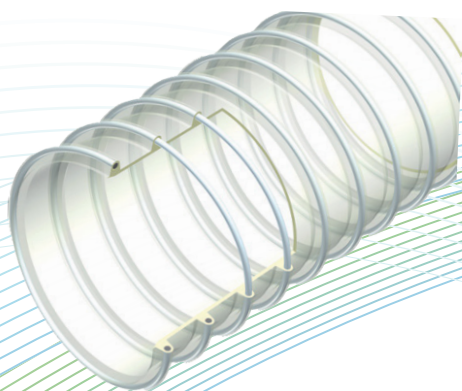


						<b>CODE</b>
int mm	ext mm	kg/m	mm	bar	bar	
13	0,50	0,070	13	2,00	0,50	PU.013050.WP2G
20	0,50	0,110	20	1,80	0,45	PU.020050.WP2G
25	0,50	0,160	25	1,65	0,40	PU.025050.WP2G
30	0,50	0,180	30	1,50	0,35	PU.030050.WP2G
32	0,50	0,190	32	1,50	0,35	PU.032050.WP2G
38	0,50	0,220	38	1,40	0,30	PU.038050.WP2G
40	0,50	0,224	40	1,40	0,30	PU.040050.WP2G
50	0,50	0,270	50	1,30	0,28	PU.050050.WP2G
60	0,50	0,470	60	1,10	0,25	PU.060050.WP2G
70	0,50	0,530	70	0,90	0,22	PU.070050.WP2G
75	0,50	0,590	75	0,80	0,20	PU.075050.WP2G
80	0,50	0,65	80	0,70	0,18	PU.080050.WP2G
90	0,50	0,720	90	0,70	0,18	PU.090050.WP2G
100	0,60	0,790	100	0,60	0,15	PU.100060.WP2G
110	0,60	0,820	110	0,50	0,15	PU.110060.WP2G
115	0,60	0,830	115	0,45	0,12	PU.115060.WP2G
120	0,60	0,850	120	0,50	0,12	PU.120060.WP2G
125	0,60	0,980	125	0,40	0,12	PU.125060.WP2G
130	0,60	1,010	130	0,30	0,12	PU.130060.WP2G
140	0,60	1,050	140	0,30	0,12	PU.140060.WP2G
150	0,60	1,180	150	0,25	0,10	PU.150060.WP2G
160	0,60	1,350	160	0,25	0,10	PU.160060.WP2G
170	0,85	1,420	170	0,25	0,10	PU.170085.WP2G
180	0,85	1,550	180	0,20	0,09	PU.180085.WP2G
200	0,85	1,675	200	0,20	0,09	PU.200085.WP2G
225	0,85	1,880	225	0,20	0,09	PU.225085.WP2G
250	0,85	2,050	250	0,15	0,06	PU.250085.WP2G
300	0,85	2,450	280	0,12	0,06	PU.300085.WP2G
350	0,85	2,850	300	0,10	0,04	PU.350085.WP2G
400	0,85	3,250	350	0,08	0,02	PU.400085.WP2G

## PU-WP3G Medium weight Coated Spring Steel Wire

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the EC-guide-line (EG) Nr. 1935/2004 and modified EU regulation 10/2011; FDA regulation (EG) Nr. 10/2011, FDA-Norm 21 CFR 177.2600 and 178.2010 and permanent antistatic (R<109 Ohm), reinforced with stainless steel wire. Smooth bore inside.

**Applications:** Suction and discharging of abrasive and granular materials, suitable for applications in food and pharmaceutical industry.



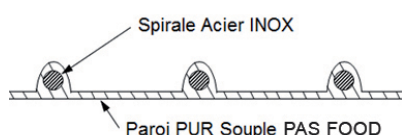
Medium weight and flexible polyurethane ducting, permanent antistatic and food proved.









**Temperature:** -40 / + 100 °C  
-40 / + 212 °F

**Properties:** Resistant to hydrolysis and microbes, food grade permanent antistatic, excellent abrasion resistance. Smooth bore and flexible.

**Colors:**



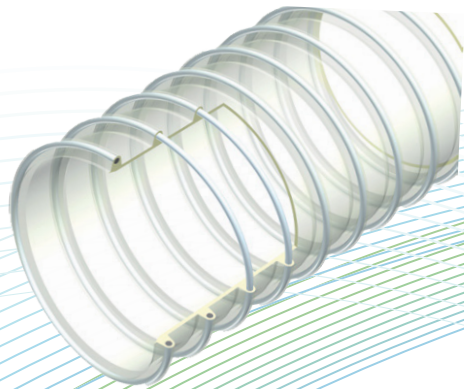
						CODE
int mm	ext mm	kg/m	mm	bar	bar	
25	0,70	0,210	25	1,40	0,40	PU.025070.WP3G
30	0,70	0,250	30	1,30	0,35	PU.030070.WP3G
40	0,70	0,330	40	1,15	0,30	PU.040070.WP3G
50	0,70	0,380	50	1,00	0,25	PU.050070.WP3G
60	0,70	0,450	60	1,00	0,25	PU.060070.WP3G
70	0,70	0,530	70	0,90	0,20	PU.070070.WP3G
75	0,70	0,570	75	0,90	0,20	PU.075070.WP3G
80	0,70	0,600	80	0,80	0,19	PU.080070.WP3G
90	0,70	0,680	90	0,80	0,19	PU.090070.WP3G
100	0,70	0,760	100	0,60	0,18	PU.100070.WP3G
110	0,70	0,830	110	0,60	0,18	PU.110070.WP3G
120	0,70	0,950	120	0,50	0,15	PU.120070.WP3G
125	0,70	0,990	125	0,50	0,15	PU.125070.WP3G
140	0,70	1,110	140	0,40	0,10	PU.140070.WP3G
150	0,70	1,180	150	0,38	0,10	PU.150070.WP3G
160	0,70	1,420	160	0,35	0,08	PU.160070.WP3G
175	0,70	1,550	175	0,30	0,08	PU.175070.WP3G
180	0,70	1,600	180	0,30	0,07	PU.180070.WP3G
200	0,70	1,770	200	0,25	0,05	PU.200070.WP3G
225	0,70	1,990	225	0,20	0,04	PU.225070.WP3G
250	0,70	2,200	250	0,20	0,04	PU.250070.WP3G
300	0,70	2,650	300	0,15	0,02	PU.300070.WP3G
350	0,70	4,250	350	0,12	0,01	PU.350070.WP3G
400	0,70	4,840	400	0,10	0,01	PU.400070.WP3G
450	0,70	5,430	450	0,07	0,01	PU.450070.WP3G
500	0,70	6,020	500	0,06	0,01	PU.500070.WP3G

## PU-WP3G

Heavyweight Coated Spring  
Steel Wire

**Structure:** Flexible ducting made out of food grade polyether polyurethane wall in accordance with the EC-guide-line (EG) Nr. 1935/2004 and modified EU regulation 10/2011; FDA regulation (EG) Nr. 10/2011, FDA-Norm 21 CFR 177.2600 and 178.2010 and permanent antistatic (R<109 Ohm), reinforced with stainless steel wire. Smooth bore inside.

**Applications:** Suction and discharging of abrasive and granular materials, suitable for applications in food and pharmaceutical industry.



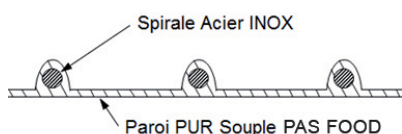
Heavy weight and flexible polyurethane ducting, permanent antistatic and food proved.









**Temperature:** -40 / + 100 °C  
-40 / + 212 °F

**Properties:** Resistant to hydrolysis and microbes, food grade permanent antistatic, excellent abrasion resistance. Smooth bore and flexible.

**Colors:**



						CODE
int mm	ext mm	kg/m	mm	bar	bar	
25	1,40	0,340	38	3,00	0,90	PU.025140.WP3G
30	1,40	0,420	45	3,00	0,90	PU.030140.WP3G
40	1,40	0,540	60	2,30	0,70	PU.040140.WP3G
50	1,40	0,670	75	1,90	0,60	PU.050140.WP3G
60	1,40	0,800	90	1,80	0,55	PU.060140.WP3G
70	1,40	0,920	105	1,60	0,50	PU.070140.WP3G
75	1,40	0,990	113	1,40	0,50	PU.075140.WP3G
80	1,40	1,050	120	1,20	0,45	PU.080140.WP3G
90	1,40	1,180	135	1,10	0,40	PU.090140.WP3G
100	1,40	1,520	150	1,10	0,40	PU.100140.WP3G
110	1,40	1,670	165	1,00	0,35	PU.110140.WP3G
120	1,40	1,820	180	0,90	0,30	PU.120140.WP3G
125	1,40	1,890	188	0,80	0,25	PU.125140.WP3G
140	1,40	2,110	210	0,70	0,20	PU.140140.WP3G
150	1,40	2,430	225	0,70	0,20	PU.150140.WP3G
160	1,40	2,590	240	0,60	0,20	PU.160140.WP3G
175	1,40	2,820	263	0,55	0,15	PU.175140.WP3G
200	1,40	3,370	300	0,50	0,15	PU.200140.WP3G
225	1,40	3,780	338	0,40	0,10	PU.225140.WP3G
250	1,40	4,190	375	0,30	0,10	PU.250140.WP3G
300	1,40	5,010	450	0,30	0,10	PU.300140.WP3G
350	1,40	5,330	525	0,25	0,09	PU.350140.WP3G
400	1,40	6,080	600	0,20	0,09	PU.400140.WP3G
450	1,40	6,830	675	0,10	0,08	PU.450140.WP3G

## UREBRADE Transparent Braid Reinforced Polyurethane Hose

**Structure:** This tubing features an open mesh polyester braid within a flexible, ether-based polyurethane wall, combining strength with flexibility. Made from non-toxic, FDA-compliant materials, the resin is NSF 61 listed for potable water use and RoHS compliant. It is free of DEHP, phthalates, BPA, and conflict minerals, offering a safe and eco-friendly choice. Naturally transparent for flow visibility, it provides excellent resistance to abrasion, impact, weathering, oils, and fuels, with a wide operating range from -90°F to 175°F.

**Applications:** Designed for air, water, and fluid transfer, this reinforced polyurethane tubing suits industrial, pneumatic, and laboratory systems. Its flexibility and pressure resistance make it ideal for demanding, long-lasting performance.



						CODE
int mm	ext mm	kg/m	mm	bar	bar	
6,35	11,94	0,09	19,05	17,23	/	2200072*
9,53	16,00	0,15	19,05	13,09	/	2200149*
12,70	19,05	0,18	38,10	10,34	/	2200226*
15,88	22,99	0,24	50,80	8,96	/	2200303
19,05	26,04	0,28	76,20	6,89	/	2200380
25,40	33,02	0,39	88,90	5,51	/	2200457*
31,75	43,43	0,77	101,60	5,17	/	2200534
38,10	49,02	0,84	139,70	3,45	/	2200611*
50,80	63,50	1,28	190,50	2,76	/	2200688

### Physical Properties:

Hardness, Shore A ±5	85
Tensile Strength psi	5500
Elongation at Break %	580
Brittle Temperature °F	-90
Max. Operating Temperature °F	175

