

Abrasion-resistant hoses



OREGON PU AS

Antistatic hose for extraction and transfer of abrasive materials and dry foodstuffs

Hose material: transparent polyether -
polyurethane **Reinforcement:** hard PVC spiral **Operating temperature:** -25°C to +85°C
(temperature-dependent operating pressure)

A lightweight, flexible, pliable and almost smooth inside hose designed for the extraction and transfer under slight overpressure of dusts, powders, granules, grains, flakes and similar light abrasive materials. It has an **anti-electrostatic copper wire** embedded on the outside of the hose along a reinforcing spiral. The effective grounding of the cord provides sufficient static dissipation for many applications. The hose is made of **polyether-polyurethane** and has good resistance to abrasion, ozone, weathering, hydrolysis and biological corrosion. It is suitable for food contact for the transfer of loose, dry food materials. Hard PVC spiral reinforcement provides good crush resistance. Used in a variety of industrial applications, particularly in the agro-food industry, plastics, building materials, etc.



OREGON PU AS hose complies with European requirements 1935/2004/EC and 10/2011/EU (simulant E), 1895/2005/EC, 2023/2006/EC (GMP) and US FDA 21 CFR 177.2600 "d". Suitable for temporary food contact for the transfer of dry, free-flowing, non-fatty surface, food substances - under the conditions specified in the manufacturer's declaration of conformity (available from Tubes International). For additional information on food and pharmaceutical applications, see the section "Hoses for food products".

index	internal diameter [mm]	external diameter [mm]	overall thickness [mm]	wall thickness* [mm]	working pressure 23°C [bar]	Bursting pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-OREGON-PUAS-025	25,3	30,9	2,8	0,5	0,6	1,8	0,4	25	0,19	20
ME-OREGON-PUAS-030	30,2	36	2,9	0,6	0,6	1,8	0,4	30	0,21	20
ME-OREGON-PUAS-032	32,2	38,2	3	0,6	0,6	1,8	0,4	32	0,24	20
ME-OREGON-PUAS-035	35	41	3	0,6	0,4	1,2	0,4	35	0,25	20
ME-OREGON-PUAS-038	38,2	44,6	3,2	0,6	0,4	1,2	0,3	38	0,31	20
ME-OREGON-PUAS-040	40,2	46,4	3,1	0,6	0,4	1,2	0,3	40	0,33	20
ME-OREGON-PUAS-045	45,2	51,8	3,3	0,6	0,4	1,2	0,3	45	0,37	20
ME-OREGON-PUAS-050	50	57,4	3,7	0,7	0,4	1,2	0,3	50	0,44	20
ME-OREGON-PUAS-060	60	68	4	0,7	0,4	1,2	0,3	60	0,5	20
ME-OREGON-PUAS-063	63,5	71,5	4	0,7	0,3	0,9	0,3	63	0,53	20
ME-OREGON-PUAS-070	70	78,4	4,2	0,7	0,3	0,9	0,3	70	0,66	20
ME-OREGON-PUAS-075	75	83,6	4,3	0,7	0,3	0,9	0,3	75	0,66	20
ME-OREGON-PUAS-080	80	89	4,5	0,7	0,2	0,6	0,3	80	0,72	20
ME-OREGON-PUAS-090	90	99,6	4,8	0,8	0,2	0,6	0,3	90	0,81	20
ME-OREGON-PUAS-100	100	109,6	4,8	0,8	0,2	0,6	0,3	100	0,92	20
ME-OREGON-PUAS-110	110	121	5,5	0,8	0,2	0,6	0,3	110	1,12	20
ME-OREGON-PUAS-120	120,5	131,5	5,5	0,8	0,15	0,45	0,3	120	1,18	20
ME-OREGON-PUAS-125	125,5	136,5	5,5	0,8	0,15	0,45	0,3	125	1,25	20
ME-OREGON-PUAS-130	130	142	6	0,8	0,15	0,45	0,3	130	1,35	20
ME-OREGON-PUAS-140	140	152	6	0,9	0,1	0,3	0,3	140	1,5	20
ME-OREGON-PUAS-150	150,5	162,5	6	0,9	0,1	0,3	0,3	150	1,6	20
ME-OREGON-PUAS-160	160	172,4	6,2	0,9	0,1	0,3	0,3	160	1,78	20
ME-OREGON-PUAS-180	180	193	6,5	0,9	0,1	0,3	0,3	180	2,1	10
ME-OREGON-PUAS-200	200	214	7	0,9	0,1	0,3	0,3	200	2,28	10

* - wall thickness measured between the spiral

OREGON PU AS extraction hose DN60 connected to a stainless steel suction nozzle with an external diameter of 60 mm, mounted with a strong wide screw clamp in galvanised steel. Antistatic copper line turned up to the centre of the hose. Other end of hose grounded.

