



**PVC transfer hoses with polyurethane inner layer**



**LUISIANA PU ANTISTATIC**

**PVC hose reinforced with hard PVC spiral with polyurethane (PU) inner layer**

**Inner layer:** transparent polyurethane (PU)  
**Hose material:** transparent PVC  
**Reinforcement:** hard PVC spiral  
**Operating temp:** -10°C to +60°C  
 (temperature-dependent operating pressure)

Robust suction and delivery hose designed for the transfer of dry or liquid abrasive substances, granules, etc. Corrugated on the outside, smooth on the inside. Inner layer made of transparent, abrasion-resistant polyurethane, from 0.6 mm (DN30) to 1 mm (DN100) thick. The hose has a **copper wire** laid along the spiral, which dissipates electrical charges when earthed or connected to the end. Widely used in plastics processing in applications requiring greater resistance to abrasion, pitting and cutting of the hose. Particularly recommended for regenerating plastics with relatively sharp edges.

**Standards and requirements:**

Food industry, contact: compliant with European requirements 1935/2004/EC and 10/2011/EU (simulants A, B and C), 2023/2006/EC (GMP) - applies to food liquids.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	20°C vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-LUISIANA-PUAS-030	30,5	37,5	3,5	5	15	0,7	150	0,45	30
ME-LUISIANA-PUAS-038	38	45	3,5	5	15	0,7	190	0,50	30
ME-LUISIANA-PUAS-040	40	48	4	5	15	0,7	200	0,63	30
ME-LUISIANA-PUAS-050	50	59	4,5	4	12	0,7	250	0,90	30
ME-LUISIANA-PUAS-060	60,5	70,5	5	4	12	0,7	300	1,10	30
ME-LUISIANA-PUAS-070	70,5	81	5,25	4	12	0,7	350	1,20	30
ME-LUISIANA-PUAS-076	76,2	87,2	5,5	3,5	10,5	0,7	375	1,40	30
ME-LUISIANA-PUAS-080	80	91	5,5	3,5	10,5	0,7	400	1,50	30
ME-LUISIANA-PUAS-090	90	101	5,5	3,5	10,5	0,7	450	1,75	30
ME-LUISIANA-PUAS-100	100	111	5,5	3	9	0,7	500	2,00	30

Note: indexes highlighted in colour - most commonly used

Temperature of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%



Hose LUISIANA PU ANTISTATIC DN100 with STORZ nozzle with 133 mm lug spacing (ST-12-133100-50). Tip head in aluminium, hose end insert in carbon steel. Tip mounted with strong twin-screw ties in galvanised carbon steel.

