

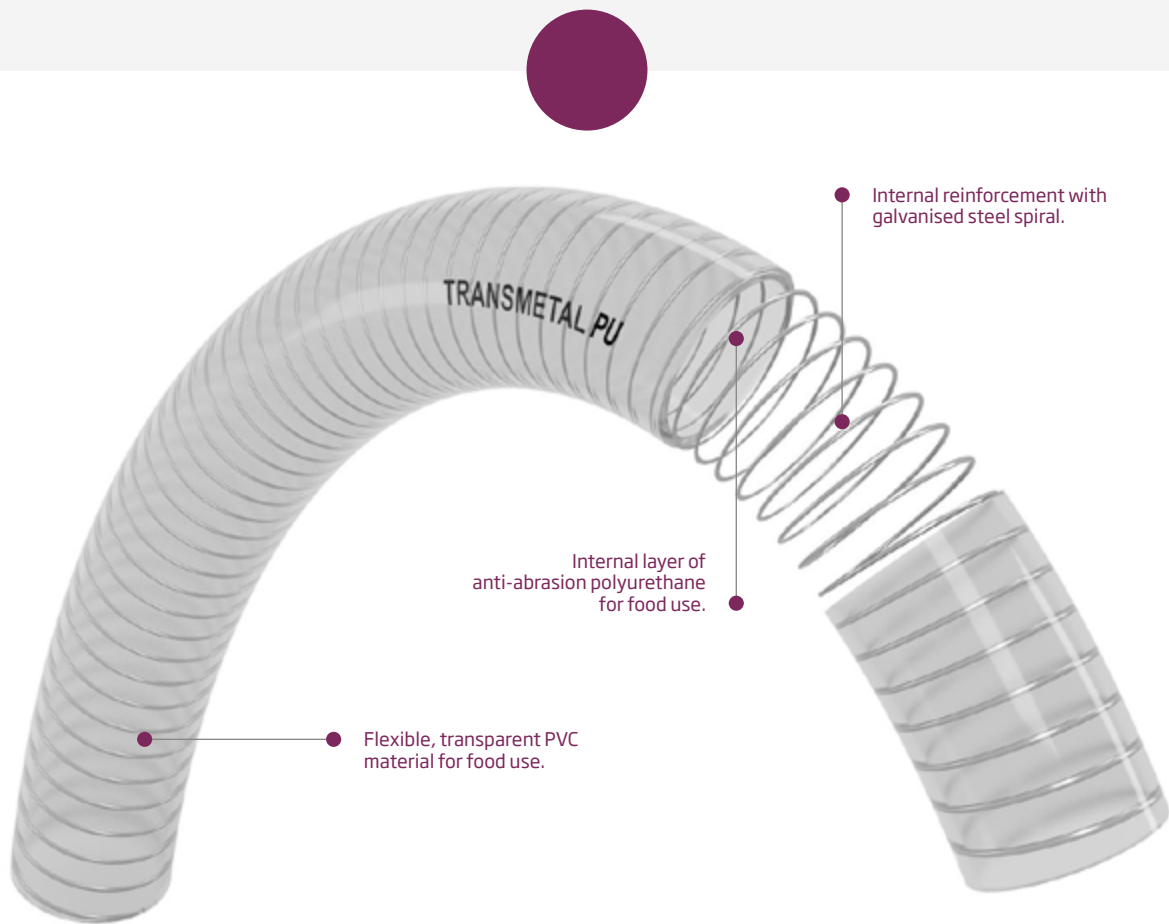
Transmetal® PU

Flexible, transparent PVC hose, reinforced with a galvanised steel spiral and an internal polyurethane layer.

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TRANSMETAL® PU

ESPIROFLEX. MANUFACTURE OF FLEXIBLE HOSES



Features

- For food use in accordance with European regulations EC 1935/2004 and EU 10/2011 (see declaration of conformity).
- Highly resistant to abrasion, thanks to its internal polyurethane layer of 0.5 mm.
- Good resistance to pressure and vacuum when suctioning.
- The hose wall is smooth, both inside and outside.
- Good chemical resistance associated with PU's resistance chart.
- Recommended temperature for use between -20°C and 70°C.



Applications

- ▶ Transport of pneumatic, hydraulic and chemical liquids. For transferring air, plastic chippings, alcoholic liquids up to 20% vol., liquid foods that require food simulants A, B and C in OM2 conditions according to Regulation EU 10/2011.
- ▶ Vacuum pumps. Facilities that require great flexibility.
- ▶ Cleaning machinery (sewage, sediments, muds, etc.).
- ▶ Cleaning of pipelines.

INT Ø mm	INT Ø in	WALL THICKNESS mm	WEIGHT g/m	OPERATING PRESSURE bar	MINIMUM BURST PRESSURE bar	BENDING RADIUS mm	VACUUM m H ₂ O
40	1" 5/8	4.8	950	9	27	80	9
45	1" 3/4	4.9	1150	9	27	90	9
51	2"	5.4	1300	7	21	100	9
55	1" 1/8	5.4	1460	6	18	110	9
60	2" 1/32	6	1750	6	18	120	9
63	2" 1/2	6.1	1900	5	15	130	9
70	2" 3/4	6.1	2100	5	15	140	9
76	3"	6.5	2250	5	15	150	9
80	3" 1/8	6.5	2500	4	12	160	9
90	3" 1/2	7	2900	4	12	180	9
102	4"	7	3650	3	9	200	9
102	4"	7.2	3850	3	9	210	9
110	4" 5/16	7.2	3950	3	9	220	9
120	4" 3/4	8	4300	3	9	240	9
127	5"	8	4600	3	9	250	9
152	6"	10	6600	2.5	7	300	9

Pressure at room temperature in laboratory / Nominal values without considering manufacturing tolerances. Depending on technical developments, specifications may be modified without advance notice being given. Consult us for other diameters, colours and features. Ask our Sales Department about the minimum purchase amounts assigned to non-standard diameters

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