

Rubber food hoses



IMPERIA SPL10

Robust hose for handling milk and fatty foods

Inner layer	White NBR rubber
Reinforcement:	synthetic cord, steel spiral
Outer layer	CR blue rubber
Operating temp:	-20°C to +90°C

Robust suction and delivery hose designed for greasy as well as non-greasy food substances requiring odourless and tasteless rubber. Contains no plasticisers, phthalates or substances of animal origin. Particularly recommended for handling and harsh working conditions. Widely used in the food industry in dairies and oil mills. NBR inner layer resistant to standard food industry cleaning agents and processes. Outer layer resistant to temporary contact with animal and vegetable fats, abrasion and weather conditions.

Cleaning:

hot water	steam	oxidizing acids peracetic acid	non-oxidising acids phosphoric acid	sodium hydroxide		nitric acid	
		1,5%	2%	2%	5%	0,5	2%
95°C / 30 min	130°C / 30 min	max 20°C / 30 min	max 65°C / 30 min	max 85°C / 30 min	max 20°C / 30 min	max 85°C / 30 min	max 20°C / 30 min

Standards and requirements:

General: EC 2002/95 (RoHS), EC 1907/2006 (REACH),
Food industry, food contact: EC 1935/2004, EC 2023/2006 (GMP). Inner layer in accordance with D.M. 21/03/73, FDA 21 CFR 177.2600, BfR, 3A Sanitary Standards, RAL (German Institute for Quality Assurance and Certification).



index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
MT-IMPERIA-SPL10-019	19	31	6	10	30	0,9	80	0,69	40
MT-IMPERIA-SPL10-025	25	37	6	10	30	0,9	120	0,85	40
MT-IMPERIA-SPL10-032	32	44	6	10	30	0,9	150	1,04	40
MT-IMPERIA-SPL10-038	38	52	7	10	30	0,9	200	1,56	40
MT-IMPERIA-SPL10-040	40	54	7	10	30	0,9	200	1,62	40
MT-IMPERIA-SPL10-045	45	59	7	10	30	0,9	225	1,78	40
MT-IMPERIA-SPL10-050	50	64	7	10	30	0,9	250	1,95	40
MT-IMPERIA-SPL10-065	65	81	8	10	30	0,9	360	2,93	40
MT-IMPERIA-SPL10-075	75	93	9	10	30	0,9	450	3,82	40
MT-IMPERIA-SPL10-100	100	118	9	10	30	0,9	600	5,20	40

Note: indexes highlighted in colour - most commonly used



Hoses made from hose IMPERIA with vulcanised factory vulcanised hygienic endings in one of the food industry plants in Europe. Factory-vulcanised ends are particularly recommended for high medium temperatures or drastic changes in operating temperature.