



Metallurgical cooling water hoses



ESSEN 20®

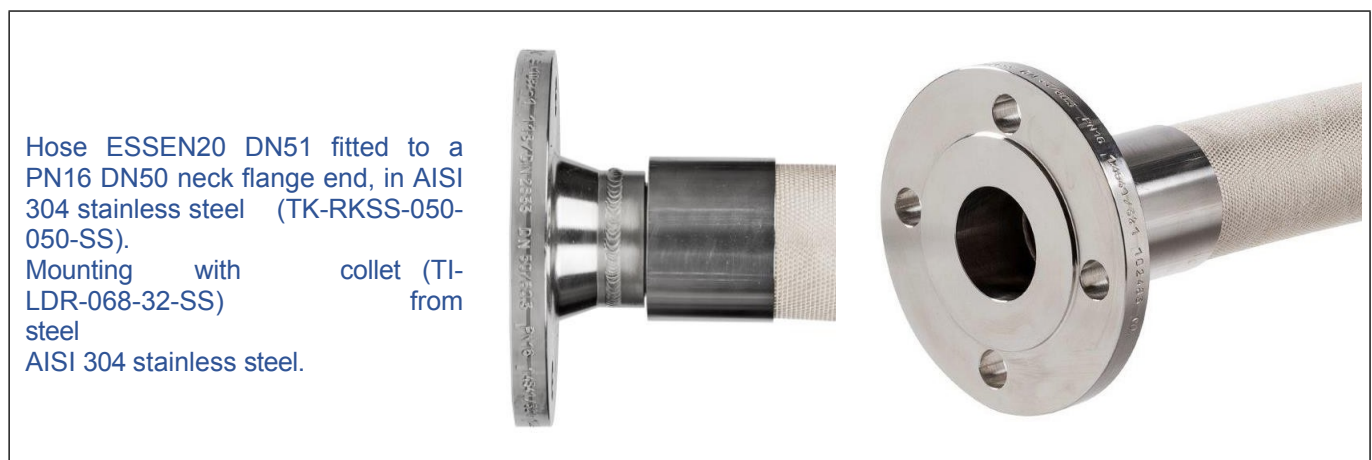
Non-conductive metallurgical delivery hose

Inner layer	White EPDM insulating rubber
Reinforcement:	synthetic cord
Outer layer	EPDM rubber / glass fibre
Operating temp:	-40°C to +120°C (external up to +530°C)

Robust delivery hose designed for cooling water in steel mills, foundries and in all applications where the rubber hose works close to a heat source. Glass fibre coating resistant to temperatures up to +530°C caused by heat radiation. Used in cooling systems. Particularly suitable for water systems at blast furnaces. Resistant to the momentary effects of glowing hot metal splatter. Non-conductive - electrical resistance of the rubber compound $\geq 10^{(8)} \Omega/m$.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	mass [kg/m]	Roll length [m]
IV-ESSEN20-006	6	16	5	20	60	0,21	60 / 120
IV-ESSEN20-008	8	18	5	20	60	0,25	60 / 120
IV-ESSEN20-010	10	19	4,5	20	60	0,25	60 / 120
IV-ESSEN20-013	13	23	5	20	60	0,33	60 / 120
IV-ESSEN20-016	16	26	5	20	60	0,39	60 / 120
IV-ESSEN20-019	19	30	5,5	20	60	0,51	60 / 120
IV-ESSEN20-025	25	38,5	6,75	20	60	0,82	60 / 120
IV-ESSEN20-032	32	46,5	7,25	20	60	1,05	60 / 120
IV-ESSEN20-035	35	50	7,5	20	60	1,17	60 / 120
IV-ESSEN20-038	38	54	8	20	60	1,38	60 / 120
IV-ESSEN20-040	40	56	8	20	60	1,44	60 / 120
IV-ESSEN20-051	51	67	8	20	60	1,79	60 / 120
IV-ESSEN20-060	60	80	10	20	60	2,67	60 / 120
IV-ESSEN20-063	63,5	82,5	9,5	20	60	2,61	60 / 120
IV-ESSEN20-076	76	93,5	8,75	20	60	2,73	60 / 120
IV-ESSEN20-090	90	109,5	9,75	20	60	3,61	60 / 120
IV-ESSEN20-102	102	125	11,5	20	60	4,79	60 / 120

Note: indexes highlighted in colour - most commonly used



You will find heat-resistant hose and cable covers in the section "High-temperature covers" in the DEVICES & ACCESSORIES section.

