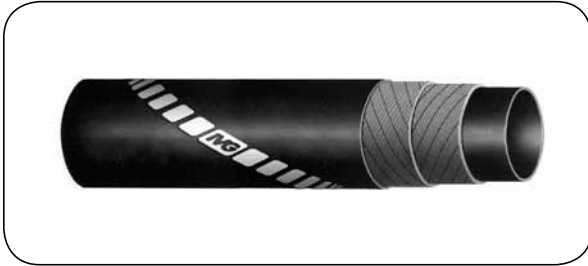


## MACHINES AND ACCESSORIES - protection and sealing



### GUARDIAN® ELECTRO

**Internal layer:** Black EPDM rubber  
**Reinforcement:** Textile braid  
**External layer:** Black EPDM rubber  
**Working temp.:** From -40°C up to +90°C  
 (with peaks up to +110°C)

Delivery hose designed to protect and cool electrical cables in steelmaking industry. The internal hose layer is resistant to hot cooling water, process water, corrosion inhibitors and water with anti-freezing additives. The internal and external layers are non-conductive. Electrical resistance  $R > 10^8 \Omega/m$ , break down voltage  $> 6 \text{ kV/mm}$ . The external layer is resistant to ageing, ozone and radiant heat from electric arc furnaces, self-extinguishing (compliant with ASTM C-542 standard). Bending radius is defined at 1 bar pressure.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
IV-GUARDIAN-019	19	30	10	30	70	0.51	120
IV-GUARDIAN-025	25	37	10	30	80	0.72	120
IV-GUARDIAN-030	30	42	10	30	80	0.83	120
IV-GUARDIAN-032	32	44	10	30	90	0.88	120
IV-GUARDIAN-035	35	48	10	30	100	1.06	120
IV-GUARDIAN-040	40	53	10	30	140	1.20	120
IV-GUARDIAN-042	42	55	10	30	150	1.24	120
IV-GUARDIAN-050	50	65	10	30	150	1.70	120
IV-GUARDIAN-055	55	70	10	30	170	1.85	120
IV-GUARDIAN-060	60	76	10	30	170	2.14	120
IV-GUARDIAN-063	63.5	79	10	30	180	2.18	120
IV-GUARDIAN-070	70	86	10	30	190	2.49	120
IV-GUARDIAN-080	80	96	10	30	220	2.67	120
IV-GUARDIAN-090	90	108	10	30	220	3.35	120
IV-GUARDIAN-100	100	118	10	30	300	3.69	120