

MACHINES AND ACCESSORIES - protection and sealing



CABLE ISOL®

Reinforcement: Vulcanized synthetic cord
Internal layer: Black SBR rubber
Working temp.: From -30°C up to +80°C

Thin-walled protective hose intended for application in industry and welding machines. Other hose version, CABLE ISOL with non-conductive external layer is also available.

code	I.D. [mm]	O.D. [mm]	weight [kg/m]	standard length [m]
IV-CABLEISOL-19X22	19	22	0.12	40
IV-CABLEISOL-20X23	20	23	0.12	40
IV-CABLEISOL-22X24	22	24	0.10	40
IV-CABLEISOL-22X25	22	25	0.14	40
IV-CABLEISOL-25X27	25	27	0.11	40
IV-CABLEISOL-25X28	25	28	0.15	40
IV-CABLEISOL-28X31	28	31	0.17	40
IV-CABLEISOL-32X35	32	35	0.19	40
IV-CABLEISOL-40X43	40	43	0.24	40
IV-CABLEISOL-45X48	45	48	0.27	40



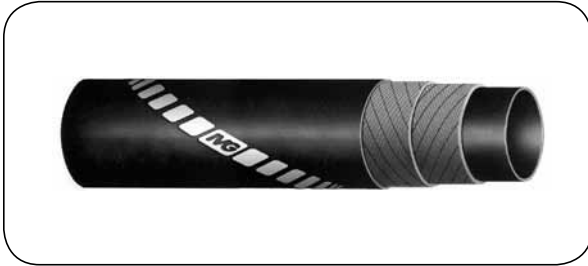
COOLCABLE®

Internal layer: Black SBR/NR rubber
Reinforcement: Textile braid
External layer: Black SBR/NR rubber
Working temp.: From -30°C up to +80°C

Thin-walled insulating hose designed to cool electric cables in automatic welding systems. Electrical resistance $R > 10^8 \Omega/m$.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	theoretical bursting press. [bar]	weight [kg/m]	standard length [m]
IV-COOLCABLE-12	12	22	10	30	0.35	120
IV-COOLCABLE-14	14	21	10	30	0.25	120
IV-COOLCABLE-15	15	22	10	30	0.26	120
IV-COOLCABLE-18	18	28	10	30	0.47	120
IV-COOLCABLE-20	20	30	10	30	0.51	120
IV-COOLCABLE-25	25	33	10	30	0.45	120
IV-COOLCABLE-28	28	35	10	30	0.44	120
IV-COOLCABLE-30	30	40	10	30	0.72	120
IV-COOLCABLE-35	35	45	10	30	0.77	120
IV-COOLCABLE-38	38	47	10	30	0.72	120
IV-COOLCABLE-42	42	50	10	30	0.70	120
IV-COOLCABLE-48	48	60	10	30	1.30	120
IV-COOLCABLE-55	55	65	10	30	1.16	120

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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