

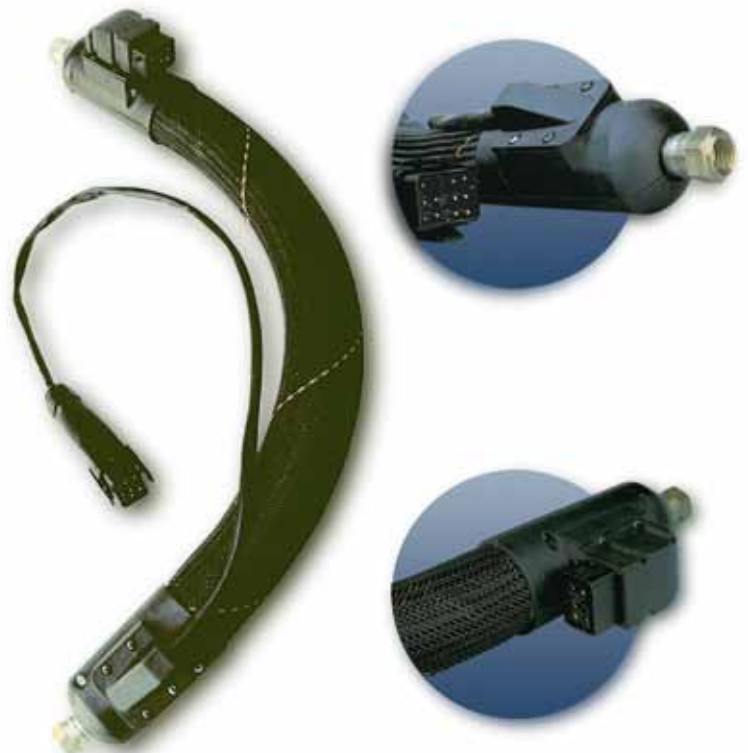
Quality products

ISOHEAT®

Hot glue heating hose

series MiL-HLS

for hotmelt-machines



Description:

The flexible heatable hot glue heating hoses transport glues or thermoplastic products safely and reliably to the corresponding workstations. By heating the medium in the hose a constant temperature can be ensured and a precise processing of the medium is assured.

The application areas of our hot glue hoses are diverse. The heating hoses are primarily used where movable equipment parts are connected, so that the feeding of the heated materials is possible despite the robotic movement. Our hot glue hoses can also be produced system compatibly, as the applied materials are adapted to the corresponding requirements.

Special demands arising from the special applications can therefore be considered. Among those is completely grinded control and air tubes, special fittings or electrical plug and head connections.

Technical Data

MiL Hot glue heating hose

temperature area	max. 100°C / 200°C / 250°C / 350°C
pressure hose	PTFE-tube with protective surface see data Sheet >pressure hoses<
connection fitting	see data Sheet >fitting summary<
heat conduction	depending on the version with PFA, PTFE insulated and protected - even against moisture; 350°C with glass and not moisture-proof
temperature sensor	PT-100, Ni-120, NTC or thermal element (J or K)
thermal insulation	heat-stable, closed-pored foam hose out of silicone or felt (temperature-dependant)
protective covering	black polyamide or metal mesh
power supply cable	corresponding to customer requirements
hose ends	hard cap or silicone rubber cap with strain relief
nominal voltage	230 V AC other voltages available on request
test voltage	high voltage test with 2000 V heat conductor – protection conductor

Electrical Data

power W/m bei 230 V AC (tolerances +5% / -10%)

temperature area	DN	4	6	8	10	12	16	20	25	32	40	50
max. 100°C		70	90	110	130	150	180	240	300	350	400	500
max. 200°C / 250°C		80	110	130	150	180	240	300	350	400	500	600
max. 350°C		--	--	210	240	270	300	380	430	550	600	800

Construction



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