

OGAN[®]
Heating hose technology

RB400 Series
Flexible heating hoses



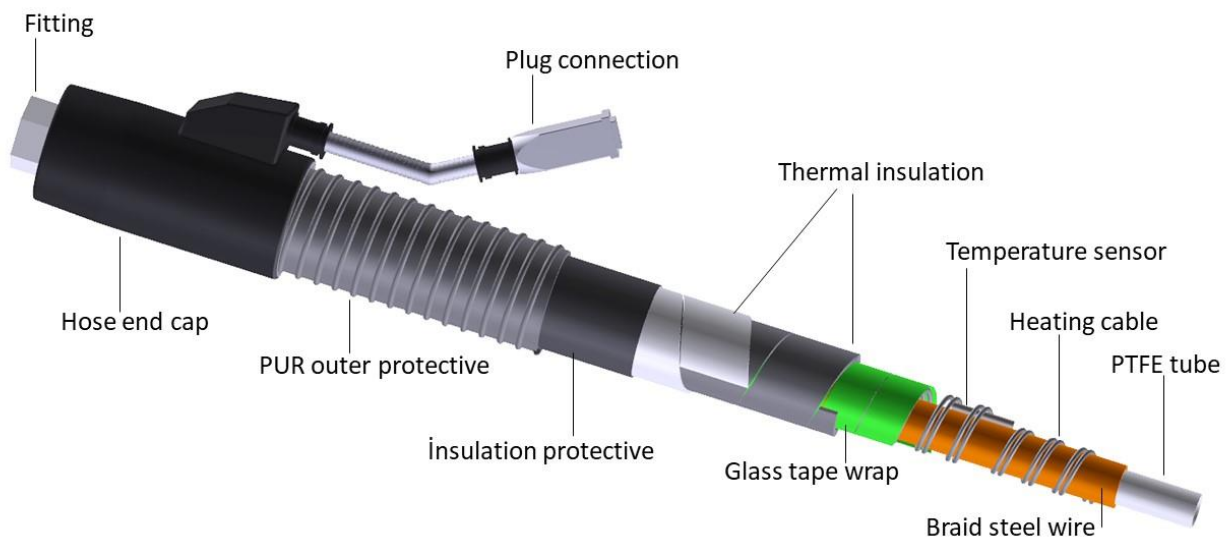
CE

RB400 Series Heating hoses for robotic applications

RB400 Heating hoses for Automation Technology It is generally used in industrial robotic bonding applications in the automotive sector. RB400 type heated hoses provide transfer of the adhesive material between the mastic pump and the robot tip at the defined temperature values without deteriorating its structure. PTFE is flexible hose suitable for high pressure and mobile working conditions with its strong knitting technique, suitable for temperature and all chemicals with its smooth inner structure.

Used in the automotive industry for sealing applications under the body, in gluing areas such as door-hood, inside and outside sheet metal couplings, headlight, glass assembly applications and so on.

It is fully compatible with brands' systems such as SCA Schucker, Nordson, and Graco that produce hot mastic application, robotic dosing systems equipment for automation technology and automotive industry.



General Specifications

Max. operating temperature	100 °C
Voltage	230 V 50/60 Hz
Rated power at 230V	DN10 140 W/m
	DN12 160 W/m
	DN16 200 W/m
	DN20 260 W/m
	DN25 330 W/m
Pressure hose	PTFE T3 type
Fittings	DKR Type
Heating cable	PTFE insulation
Thermal insulation	Aramid felt
End cap	Hard cap / Elastomer
External jacket	PUR Corrugated / PA braided
Temperature sensor	PT100 two wire
Plug connection	Industry type Harting 4+PE
Temperature limits	+ - 5 °C
Protection type	IP54
Approvals	CE
Test voltage for Heating system - Hi-pot	2200 Volt high voltage test Heating cable - PE



Pressure hoses

Flat internal structure, heavy duty T3 type PTFE hoses. Covered with double Wrap steel, a layer of steel braid

Inside diameter	DN	10	12	16	20	25
Max. working	bar	475	450	400	300	275
Max. Bursting	bar	1900	1800	1600	1200	1100
Minimum Radius	mm	110	150	175	200	240

DN10 Heating hoses for robotic applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-10-200	2,0 m	PT100	230 V	Harting 4+PE	1/2" DKR
RB400-10-250	2,5 m				
RB400-10-300	3,0 m				
RB400-10-400	4,0 m				
RB400-10-500	5,0 m				

DN12 Heating hoses for robotic applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-12-150	1,5 m	PT100	230 V	Harting 4+PE	1/2" DKR
RB400-12-200	2,0 m				
RB400-12-250	2,5 m				
RB400-12-300	3,0 m				
RB400-12-400	4,0 m				
RB400-12-500	5,0 m				

DN16 Heating hoses for robotic applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-16-130	1,3 m	PT100	230 V	Harting 4+PE	3/4" DKR
RB400-16-150	1,5 m				
RB400-16-200	2,0 m				
RB400-16-250	2,5 m				
RB400-16-300	3,0 m				
RB400-16-400	4,0 m				
RB400-16-500	5,0 m				

DN20 Heating hoses for robotic applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-20-250	2,5 m	PT100	230 V	Harting 4+PE	1" DKR
RB400-20-300	3,0 m				
RB400-20-400	4,0 m				
RB400-20-500	5,0 m				
RB400-20-700	7,0 m				

DN25 Heating hoses for robotic applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-25-220	2,2 m	PT100	230 V	Harting 5 pin	1 1/4" DKR
RB400-25-250	2,5 m				
RB400-25-300	3,0 m				
RB400-25-400	4,0 m				
RB400-25-500	5,0 m				



RB400 Series Heating hoses for handgun applications

OGAN P/N	Length	Sensor	Voltage	Connector	Fittings
RB400-M-10-300	3,0 m	PT100	230 V	Harting 4+PE	1/2" DKR
RB400-M-10-500	5,0 m			Harting 7+PE	
RB400-M-10-700	7,0 m				
RB400-M-12-500	5,0 m				

** Other lengths and sizes on request

innovative solutions for heating hoses

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