



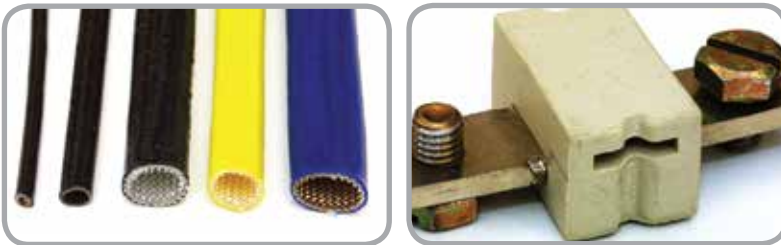
Thermon
South Africa (Pty) Ltd.

Accessories

for heating systems



In this section materials for cabling and connection can be found that withstand higher than normal temperatures.



- high temperature connectors
- kettle plugs and sockets
- multi-pin connectors for moulds and hotrunners
- braiding, sleeving, sprague tubing for insulation
- nickel wire
- nickel lugs

Accessories for heating applications

Conventional plugs, sockets, connectors, cables and insulations are not suitable for applications where heat is generated or cabling is run in areas of excessive temperatures. Many connectors and normal cable insulations are made of PVC which will be melting and degrading from around 100°C onward.

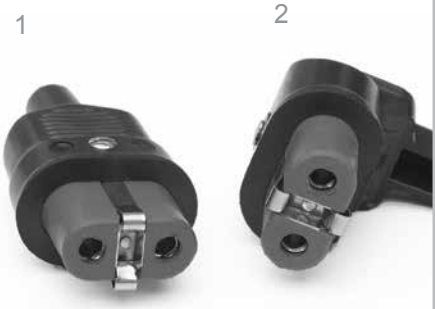




It should also be noted that copper becomes brittle if subjected to higher temperatures. Many breakdowns

in industry are due to copper cabling and plated copper lugs being used to connect heating elements.

In these cases only nickel wire and nickel lugs should be used - specifically so, because production machinery generates vibration through motors and movement, leading to failures on copper connections.



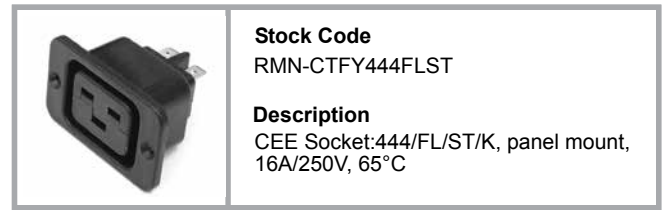
High temperature plugs & sockets

	<p>1</p> <table border="1"> <thead> <tr> <th>Stock Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>RMN-CWFY-GSR25-</td> <td>Kettle plug: GSR25 (straight), silicone, 16A/250V, 200°C</td> </tr> </tbody> </table>	Stock Code	Description	RMN-CWFY-GSR25-	Kettle plug: GSR25 (straight), silicone, 16A/250V, 200°C
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RMN-CWFY-GSR20C	CEE plug: GSR20C (angled), silicone, 16A/250V, 200°C				
	<p>Stock Code RHP-AB10-Y0068</p> <p>Description CEE socket: panel mount, metal/ ceramic, 16A/250V, 200°C</p>				

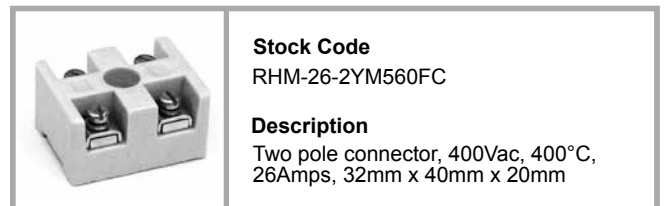
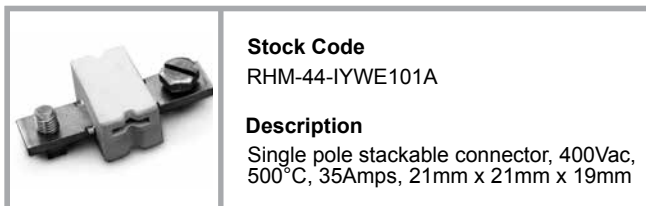
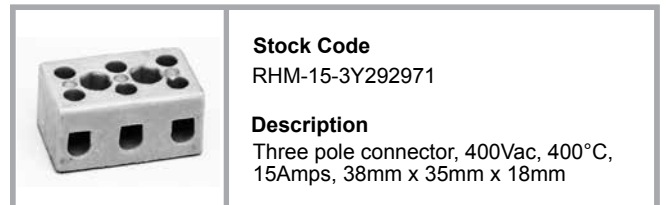
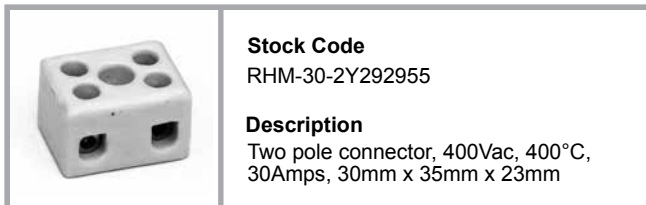
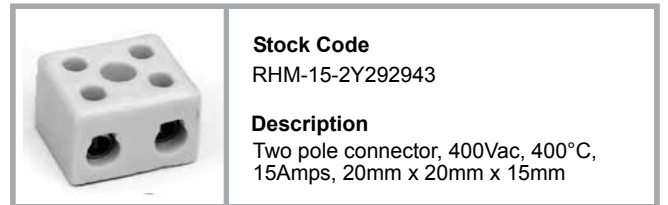
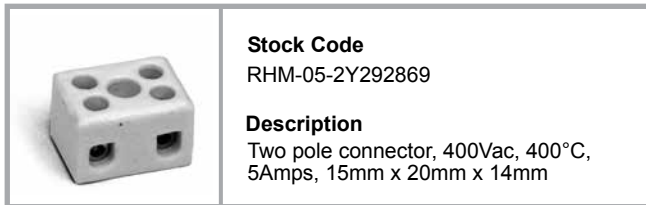
Thermon SA reserves the right to make any kind of design or functional modification without prior notice.




Plugs & sockets



Ceramic connectors




Ceramic connectors




Stock Code
RHM-26-2YWE382K

Description
Two pole connector, 400Vac, 400°C,
26Amps, 23mm x 33mm x 14mm




Stock Code
RHM-26-3YWE383K

Description
Three pole connector, 400Vac, 400°C,
26Amps, 23mm x 45mm x 14mm



Stock Code
RHM-26-4YWE384K

Description
Four pole connector, 400Vac, 500°C,
26Amps, 23mm x 56mm x 14mm



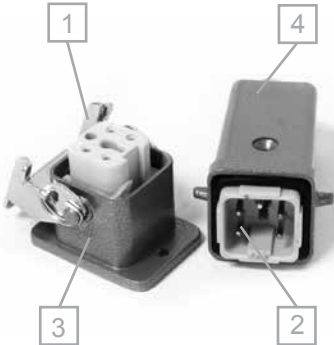
1 **Stock Code**
RHP-AB40-Y0082

Description
M5 ceramic insulation cap


2 **Stock Code**
RHP-AB40-Y0082B

Description
M4 ceramic insulation cap

Multi-pin connectors




1	Stock Code RCN-PYHCA04EBUS	Description 04 Pos. Female insert HC-A-4-EBUS
2	Stock Code RCN-PYHCA04ESTS	Description 04 Pos. Male insert HC-A-4-ESTS
3	Stock Code RCN-PYHCD07AML	Description 04 Pos. panelmount base HC-D7 -AML-24/GR ALU
4	Stock Code RCN-PYHCD07TFLG	Description 04 Pos. hood, straight HC-D7 -TFL-48/M1PG11G ALU




Stock Code
RCN-PYHCB06EBUS

Description
6 Pos. female insert HC-B 6-EBUS




Stock Code
RCN-PYHCB06ESTS

Description
06 Pos. male insert HC-B 6 ESTS



Stock Code
RCN-PYHCB06TFLS

Description
06 Pos. hood, lateral
HC-B 6-TFL/PG13.5 S




Stock Code
RCN-PYHCB06TFLG


Description
06 Pos. hood, straight
HC-B 6-TFL/PG13.5 FG


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Multi-pin connectors


	<p>Stock Code RCN-PYHCB06AML</p>	<p>Description 06 Pos. panelmount base single locking HC-B 6-AML</p>
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	<p>Stock Code RCN-PYHCB16EBUS</p> <p>Description 16 Pos. female insert, HC-B-16-EBUS</p>
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	<p>Stock Code RCN-PYHCB16ESTS</p> <p>Description 16 Pos. male insert, HC-B-16-ESTS</p>
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	<p>Stock Code RCN-PYHCB16TFQS</p> <p>Description 16 Pos. hood, lateral, double lock HC-B-16-TFQ/PG21S</p>
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	<p>Stock Code RCN-PYHCB16TFQG</p> <p>Description 16 Pos. hood, straight, double lock HC-B-16-TFQ/PG21G</p>
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	<p>Stock Code RCN-PYHCB16AMQ</p>	<p>Description 16 Pos. panelmount base, double locking HC-B16-AMQ</p>
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	<p>Stock Code RCN-PYHCB24EBUS</p> <p>Description 24 Pos. female insert, HC-B-24-EBUS</p>
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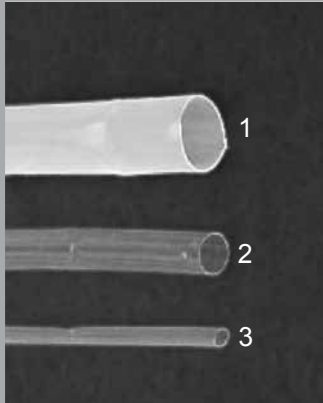
	<p>Stock Code RCN-PYHCB24ESTS</p> <p>Description 24 Pos. male insert, HC-B-24-ESTS</p>
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	<p>Stock Code RCN-PYHCB24TFQS</p> <p>Description 24 Pos. hood, lateral, double lock HC-B24-TFQ/PG21S</p>
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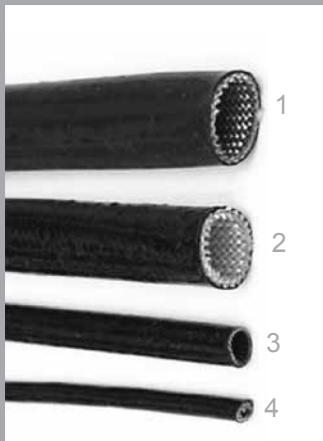
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	<p>Stock Code RCN-PYHCB24AMQ</p>	<p>Description 24 Pos. panelmount base, double locking HC-B-24-AMQ</p>
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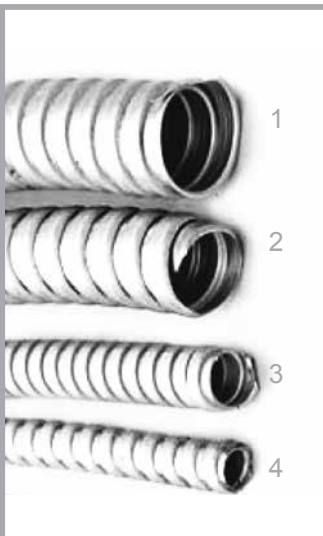
High temperature shrink sleeving (teflon)

	1	Stock Code RMS-RTA-07.6-0A	Description Teflon heatshrink sleeving for temperatures -65°C to 250°C, d=7.6mm
	2	Stock Code RMS-RTA-04.7-0A	Description Teflon heatshrink sleeving for temperatures -65°C to 250°C, d=4.75mm
	3	Stock Code RMS-RTA-01.9-0A	Description Teflon heatshrink sleeving for temperatures -65°C to 250°C, d=1.98mm

High temperature sleeving (silicone coated fibreglass)

	1	Stock Code RMS-SGQ-10.0-0B	Description Fibreglass, silicon coated (180°C), d=10mm
	2	Stock Code RMS-SGQ-08.0-0B	Description Fibreglass, silicon coated (180°C), d=8mm
	3	Stock Code RMS-SGQ-05.0-0B	Description Fibreglass, silicon coated (180°C), d=5mm
	4	Stock Code RMS-SGQ-02.0-0B	Description Fibreglass, silicon coated (180°C), d=2mm

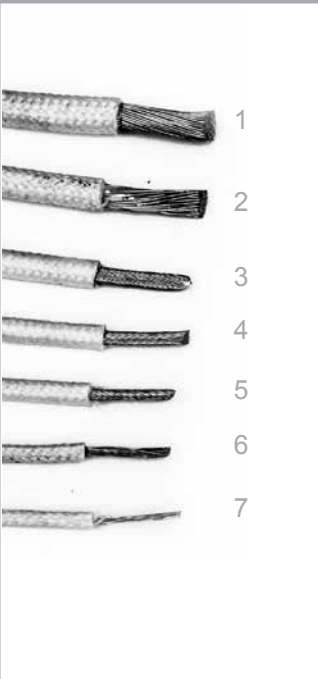
Flexible steel tubing, electro galvanized

	1	Stock Code RMS-AMA-13.0-0A	Description Flexible tube electro stainless steel (AMA),
	2	Stock Code RMS-AMA-9.5-0A	Description Flexible tube electro galvanised (AMA), id=9.5mm
	3	Stock Code RMS-AMA-7.00-0A	Description Flexible tube electro galvanised (AMA), id=7.0-mm
	4	Stock Code RMS-AMA-4.76-0A	Description Flexible tube electro (AMA), id=4.76mm (only St/st)

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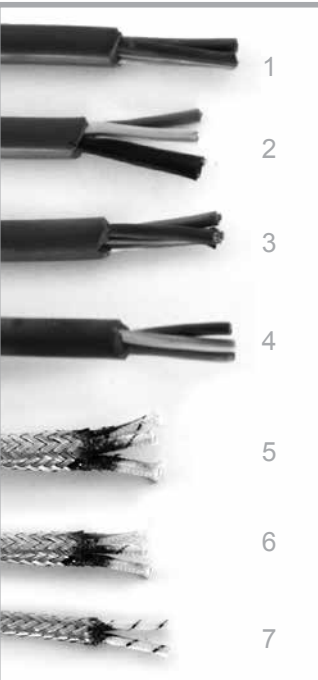


High temperature cable (single core)

	1	Stock Code RHC-N1L-GBB-6.0G	Description Nickel wire fibreglass insulated, 400°C, 6mm•, 30A
	2	Stock Code RHC-N1L-GBB-4.0G	Description Nickel wire fibreglass insulated, 400°C, 4mm•, 20A*
	3	Stock Code RHC-N1L-GBB-2.5G	Description Nickel wire fibreglass insulated, 400°C, 2.5mm•, 15A*
	4	Stock Code RHC-N1L-GBB-1.5G	Description Nickel wire fibreglass insulated, 400°C, 1.5mm•, 10A*
	5	Stock Code RHC-N1L-GBB-1.0G	Description Nickel wire fibreglass insulated, 400°C, 1.0mm•, 9A*
	6	Stock Code RHC-N1L-GBB-0.5G	Description Nickel wire fibreglass insulated, 400°C, 0.5mm•, 6A*
	7	Stock Code RHC-N1L-GBB-0.2G	Description Nickel wire fibreglass insulated, 400°C, 0.2mm•, 2A*

* Note: ampere rating for unbundled cable, ambient <200°C


High temperature cable (multi core)

	1	Stock Code RHC-C4L-QQB2.5G	Description Four core silicone rubber insulated, 180°C, 2.5mm•, 30A
	2	Stock Code RHC-C3L-QQB2.5R	Description Three core silicone rubber insulated, 180°C, 2.5mm•, 30A
	3	Stock Code RHC-C3L-QQB1.5G	Description Three core silicone rubber insulated, 180°C, 1.5mm•, 15A
	4	Stock Code RHC-C3L-QQB0.7G	Description Three core silicone rubber insulated, 180°C, 0.75mm•, 10A
	5	Stock Code RHC-N4L-GGS2.5	Description Four core nickel wire fibreglass insulated, steel braid, 300°C, 2.5mm•, 15A
	6	Stock Code RHC-N3L-GGS0.70	Description Three core nickel wire fibreglass insulated, steel braid, 300°C, 0.75mm•, 8A
	7	Stock Code RHC-N2L-GGS1.50	Description Two core nickel wire fibreglass insulated, steel braid, 300°C, 1.5mm•, 10A

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Steel braid

	1	Stock Code RMS-BMA-090-0A	Description Galvanised steel braid (BMA), d=9mm
	2	Stock Code RMS-BMA-050-0A	Description Galvanised steel braid (BMA), d=5mm

Ceramic insulating beads

	1	Stock Code RHJ-BYST6302002	Description Fish spine beads, 4.7mmID x 8.4mmOD x 8.3mm, 120 beads/m
	2	Stock Code RHJ-BYST6303001	Description Fish spine beads, 3.2mmID x 6.5mmOD x 6mm, 167 beads/m
	3	Stock Code RHJ-BYST6302005	Description Fish spine beads, 2.5mmID x 5mmOD x 5mm, 200 beads/m
	4	Stock Code RHJ-BYST6302000	Description Fish spine beads, 1mmID x 3mmOD x 3.1mm, 320 beads/m

Nickel plated steel lugs

	1	Stock Code RMC-LN-4.0-5.0	Description M5 x 4mm, high temperature lug
	2	Stock Code RMC-LN-2.5-5.0A	Description M5 x 2.5mm, high temperature lug
	3	Stock Code RMC-LN-2.5-4.0A	Description M4 x 2.5mm, high temperature lug
<p>Various types of very high temperature nickel alloy lugs available on request (coding: LN = Ni plated stainless steel, LNI = pure Ni, LP = Cu)</p>			

