



# Multitube Instrumentation Products

## FluidConnectors Europe Sales Offices

September 2002

**Parker Hannifin GmbH**  
Badener Straße 12  
A - 2700 Wiener Neustadt  
Tel: +43 (0) (26 22) 23 501  
Fax: +43 (0) (26 22) 66 212

**Parker Hannifin S.A.-N.V.**  
Parc Industriel Sud  
Zone II  
15, rue du Bosquet  
B - 1400 Nivelles  
Tel: +32 (0) 67 280 900  
Fax: +32 (0) 67 280 999

**Parker Hannifin s.r.o.**  
Dopravaku 723  
CZ - 184 00 Prague 8  
Tel: +420 (0) (2) 830 85221  
Fax: +420 (0) (2) 830 85360

**Parker Hannifin GmbH**  
Geschäftsbereich Ermeto  
Am Metallwerk 9  
D - 33659 Bielefeld  
Tel: +49 (0) (521) 4048-0  
Fax: +49 (0) (521) 4048-4280

**Parker Hannifin Danmark A/S**  
Industrigrenen 11  
DK - 2635 Ishøj  
Tel: +45 43 56 04 00  
Fax: +45 43 73 31 07

**Parker Hannifin España S.A**  
P.I. Las Monjas -  
C/.Estaciones, 8  
E - 28850 Torrejón de Ardoz  
(Madrid)  
Tel: +34 91 675 73 00  
Fax: +34 91 675 77 11

**Parker Hannifin SA**  
17, Rue des Büchillons  
Z.I. du Mt Blanc - BP 524  
F - 74112 Annemasse Cedex  
Tel: +33 (0) 4 50 87 80 80  
Fax: +33 (0) 4 50 37 86 85

**Parker Hannifin Oy**  
Ylästöntie 16  
FIN - 01510 Vantaa  
Tel: +358 (0) (9) 476 731  
Fax: +358 (0) (9) 476 732 00

**Parker Hannifin plc**  
Haydock Park Road  
GB - Derby DE24 8JA  
Tel: +44 (0) 1332 36 56 31  
Fax: +44 (0) 1332 36 80 38

**Parker Hannifin S.p.A.**  
Via Privata Archimede 1  
I - 20094 Corsico (MI)  
Tel: +39 02 451921  
Fax: +39 02 4479340

**Parker Sales Ireland Ltd**  
Bracetown Business Park  
Clonee, County Meath  
IE - Republic of Ireland  
Tel: +353 (0) (1)801 4010  
Fax: +353 (0) (1)801 4132

**Parker Hannifin Corp.**  
701, Gateway Plaza  
Hiranandani Garden, Powai  
IN - Mumbai 400076  
Tel: +91 (0) (22)-5705881  
Fax: +91 (0) (22)-5705880

**Parker Hannifin A/S**  
Berghagan - P.O. Box 3008  
N - 1402 Ski  
Tel: +47 64 91 10 00  
Fax: +47 64 91 10 90

**Parker Hannifin B.V.**  
Edisonstraat 1  
Postbus 340  
NL - 7570 AH Oldenzaal  
Tel: +31 (0) 541 585000  
Fax: +31 (0) 541 585459

**Parker Hannifin Sp.z.o.o.**  
ul. Parowcowa 8B  
PL - 02-445 Warszawa  
Tel: +48 (0) (22) 863 49 42  
Fax: +48 (0) (22) 863 49 44

**Parker Hannifin Portugal Lda**  
Travessa da Bateria,  
184 - r/c Drto / 1º Esq.  
PT - 4450-625 Leça da Palmeira  
Tel: +351 22 9997360  
Fax: +351 22 9961527

**Parker Hannifin Corporation**  
Komsomolsky Prospect 42  
Office 434  
RU - 119827 GSP Moscow  
G-48  
Tel/Fax: +7 (095) 234 0054

**Parker Hannifin AB**  
Fagerstagatan 51  
Box 8314  
S - 16308 Spånga-Stockholm  
Tel: +46 (0) 8 5979 5000  
Fax: +46 (0) 8 5979 5110

**Parker Hannifin Corporation**  
vul. Velyka Vasylkivska 9/2  
Office 59  
UA - 01004 Kiev  
Tel: +380 (0) (44) 2207 432  
Fax: +380 (0) (44) 2206 534



Internet: <http://www.parker.com>

For further information on other Parker Products, call the European Product Information Centre free of charge on 00800 27 27 5374.



**Parker Hannifin plc**  
Wetherby Road  
GB - Derby DE24 8JH  
Tel: +44 (0)1332 36 56 31  
Fax: +44 (0)1332 36 80 38

Bulletin 4200-QRG/UK/DE  
© 2002 Parker Hannifin  
Ottodruck 09/02

# Multitube Instrumentation Products

This Bulletin provides an overview and brief description of the Parflex and Polyflex products which are available to the instrumentation market through the Parker's worldwide distribution network.

The pre-engineered Multitube® systems help to minimise energy losses, eliminate hot tubing surfaces, reduce the risk of freezing, offer easy and therefore cost reduced installation and long term operating costs.

The wide range of hose and fitting configurations cover most of the instrumentation requirements, in particular the PTFE and stainless steel assemblies.

A range of Multitube® systems and PTFE hose assemblies are offered as standard stock items. Parker also offers customised products to meet customers special requirements.

## Multitube® Instrument and Control Tubing – Metal and Plastic



**Multitube® Instrument and Control Tubing** is available in both single line and multi-line tube bundles, manufactured from either copper, stainless steel, or a variety of plastics, the products are used for transmission of pneumatic signals, other gases or liquids. Designed for general use inside and outdoors, the outer jacket protects the tubing against water, oils, alkalis and most chemicals. Where extra corrosion and mechanical protection is required a steel tape armour can be applied. Supplied in long lengths **Multitube® Instrument and Control Tubing** offers easy installation and protection against the environment.

## Temptrace™ Steam Trace Tubing



**Temptrace™ Steam Trace Tubing** is available in Heavy and Light series. The Heavy series consists of single or multiple process tubes, a direct contact tracer, non-hygroscopic insulation, and FR PVC jacket overall. Applications include pressure transmission, analyser sample lines carrying heavy distillates, gases, or vapours. The Light series has an isolated tracer for finer temperature control and is ideal for instrument line freeze protection and viscosity maintenance.

## Temptrace™ Electric Trace Tubing



**Temptrace™ Electric Trace Tubing** can be supplied in constant wattage, self-regulating and mineral insulated versions. The options include single or multiple process tubes, traced by a constant wattage, self-regulating, or mineral insulated heating cable, assembled together with heat transfer foil wrap, non-hygroscopic insulation, and FR PVC jacket overall. Applications include analyser, impulse and instrumentation lines, small diameter process lines, gas sampling, and utility lines. pressure transmission, analyser sample lines carrying heavy distillates, gases, or vapours. Constant Wattage is the basic product with a temperature range up to 200 deg C. Self Regulating Temptrace™, reduces the need for electric controllers/thermostats and improves energy consumption. Mineral Insulated Electric Trace Heating is a special cut-to-length product used when the temperature requirements exceed 200 deg C.

## Temptube™ Preinsulated Tubing



**Temptube™ Preinsulated Tubing** consists of a single tube thermally insulated with a non-hygroscopic glassfibre insulation and FR PVC jacket overall. Designed to provide an economical and highly efficient method of conveying steam, cooling water, or cryogenic fluid such as nitrogen.

## Multitube® Accessories



To compliment the Parker range of **Multitube®** products Parker offers a wide range accessories, kits, and controllers. The connection kits include all the necessary components to complete input power and end terminations.

## Other Polyflex and Parflex Products



In addition to the PTFE products, we can offer hose assemblies from the wide range of Polyflex and Parflex thermoplastic tubing, hoses, adaptors, and plastic fittings.

## PTFE Metal Hose Assemblies



The excellent chemical resistance and high temperature properties of **PTFE hose assemblies** are ideally suited to the instrumentation and chemical industries. To further compliment the customer requirements Parker offers Instrumentation quality hose assemblies with metric standpipe connections to suit the A-LOK fittings. Parker offers a wide range of PTFE products including smooth bore, convoluted, and conductive core tubes, stainless steel and textile reinforced, polyurethane and silicone outer covers. Applications cover steam, vacuum, hydraulics, fuel lines, chemical transfer, food, and high purity service. Parflex **Metal Hose assemblies**, with convoluted stainless steel core tube, are available for those specialised and extreme temperature applications.

# Multitube Instrumentation Products

Catalogues detailing the products featured in this quick reference guide are:

Multitube Products:  
4200-M-1

Product Specification Manual:  
4200-MSM

Parflex Metal Hose:  
4690-MH2

Polyflex Products:  
4460

**For further information on the above products contact your nearest Parker sales office or contact the Polyflex Division**