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## Parker HUMCE Series Polyurethane (PU) Ester Tubing



ENGINEERING YOUR SUCCESS.



# Parker: Solving the world's greatest engineering challenges

Founded in 1918 and with over 90 years' experience, Parker Hannifin is now the expert in the industrial fluid connector industry. Having a rich experience and leading technologies, Parker has strong capabilities in product design, manufacturing and marketing, thus providing advanced technology solutions for the markets.

## Parker HUMCE PU Tubing Range

Polyurethane Ester (PU) tubing is widely used on the pneumatic market due to its excellent flexibility. Parker HUMCE PU tubing is made with high-end raw material. We strictly control the manufacturing process to make sure it is the optimal solution for high-demands within limited spaces. Meanwhile, this PU range conforms to the RoHS directive.

### Market Application

- Automation
- Industrial Robots
- Textile Machines
- Electronics
- Automotive in Plant
- Pneumatic

### Product Advantages

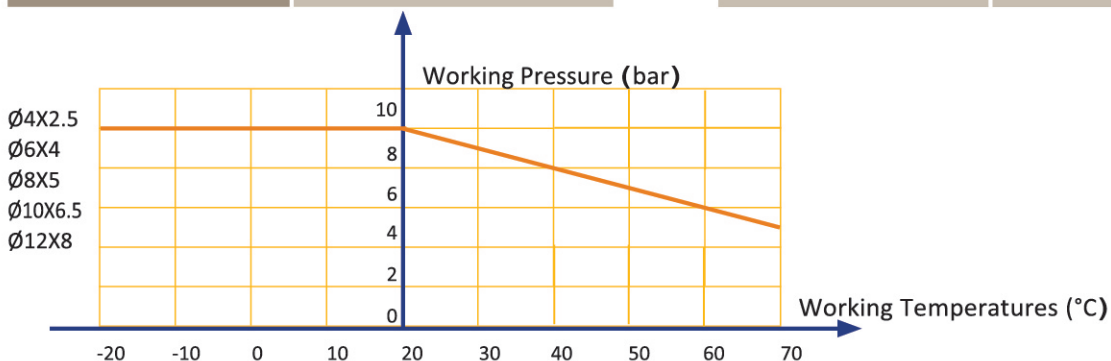
- Premium bend radius
- Good vibration absorption
- Excellent reliability

### Technical Characteristics

Compatible Fluids	Compressed air
Working Temp.	- 20°C to + 70°C
Working Pressure	Vacuum to 10 bar
Material	Polyurethane ester

### Tube Tolerance

O.D (mm)	Tolerance (mm)
Ø4, Ø6, Ø8	+ 0.1 / - 0.1
Ø10, Ø12	+ 0.15 / - 0.15

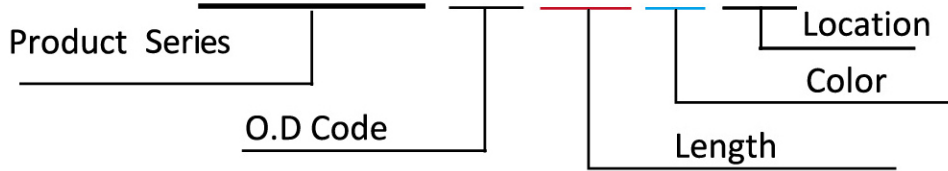


To calculate burst pressure, the values in this graph should be multiplied by 3.



# Part Number Identification

## HUMCE-0410001 C



- O.D Code**  
 04=4 mm  
 06=6 mm  
 08=8 mm  
 10=10mm  
 12=12mm
- Length**  
 100=100m  
 200=200m  
 300=300m  
 500=500m

01= Black   
 02= Green   
 03= Red   
 04= Blue   
 05= Yellow   
 08= Natural

O.D (mm)	I.D (mm)	(mm)	Length (m)	black	green	red	blue	yellow	natural	Weight (kg)
4	2.5	10	100	HUMCE-0410001C	HUMCE-0410002C	HUMCE-0410003C	HUMCE-0410004C	HUMCE-0410005C	HUMCE-0410008C	2.01
			200	HUMCE-0420001C	HUMCE-0420002C	HUMCE-0420003C	HUMCE-0420004C	HUMCE-0420005C	HUMCE-0420008C	3.10
			500	HUMCE-0450001C	HUMCE-0450002C	HUMCE-0450003C	HUMCE-0450004C	HUMCE-0450005C	HUMCE-0450008C	6.24
6	4	15	100	HUMCE-0610001C	HUMCE-0610002C	HUMCE-0610003C	HUMCE-0610004C	HUMCE-0610005C	HUMCE-0610008C	3.03
			200	HUMCE-0620001C	HUMCE-0620002C	HUMCE-0620003C	HUMCE-0620004C	HUMCE-0620005C	HUMCE-0620008C	5.33
			500	HUMCE-0650001C	HUMCE-0650002C	HUMCE-0650003C	HUMCE-0650004C	HUMCE-0650005C	HUMCE-0650008C	12.92
8	5	20	100	HUMCE-0810001C	HUMCE-0810002C	HUMCE-0810003C	HUMCE-0810004C	HUMCE-0810005C	HUMCE-0810008C	4.94
			200	HUMCE-0820001C	HUMCE-0820002C	HUMCE-0820003C	HUMCE-0820004C	HUMCE-0820005C	HUMCE-0820008C	8.97
			500	HUMCE-0850001C	HUMCE-0850002C	HUMCE-0850003C	HUMCE-0850004C	HUMCE-0850005C	HUMCE-0850008C	22.93
10	6.5	25	100	HUMCE-1010001C	HUMCE-1010002C	HUMCE-1010003C	HUMCE-1010004C	HUMCE-1010005C	HUMCE-1010008C	7.02
			200	HUMCE-1020001C	HUMCE-1020002C	HUMCE-1020003C	HUMCE-1020004C	HUMCE-1020005C	HUMCE-1020008C	14.33
			300	HUMCE-1030001C	HUMCE-1030002C	HUMCE-1030003C	HUMCE-1030004C	HUMCE-1030005C	HUMCE-1030008C	21.12
12	8	35	100	HUMCE-1210001C	HUMCE-1210002C	HUMCE-1210003C	HUMCE-1210004C	HUMCE-1210005C	HUMCE-1210008C	9.24
			200	HUMCE-1220001C	HUMCE-1220002C	HUMCE-1220003C	HUMCE-1220004C	HUMCE-1220005C	HUMCE-1220008C	18.57
			300	HUMCE-1230001C	HUMCE-1230002C	HUMCE-1230003C	HUMCE-1230004C	HUMCE-1230005C	HUMCE-1230008C	27.48

**Note :** Please contact FCG Wuxi if you have any special requests such as different sizes, colors, recoils.

**Contact info:**

Parker Hannifin Corporation  
Fluid Connectors China Division  
Wuxi Operation

50, Chunhui Zhong Road, Xishan  
Economic Development Zone, Wuxi  
214101, Jiangsu Pro. P.R. China  
Phone: +86 (510) 8826 7162  
Fax: +86 (510)8826 7160  
[rita.yao@parker.com](mailto:rita.yao@parker.com)

