

# Polyethylene Tubing

## Series HDPE: High Strength

Excellent economical alternative to Nylon tubing.



### Features

- Manufactured from high strength, high density polyethylene
- Excellent economical alternative to Nylon in various industrial applications due to strength and durability
- Economical system solution

### Notes

- Suggested operating temperature range is -80°F (-62°C) to 175°F (80°C) - reference Pressure vs. Temperature charts as pressures are lower at elevated temperatures
- Working pressure and burst pressure are at 73°F (23°C)

### Fittings

Parker Fittings available from:  
Fluid System Connectors Division  
Otsego, MI

(269) 692-6555  
(269) 692-6634 FAX  
[parker.com/fsc](http://parker.com/fsc)

For approved fittings and/or suggested use of tube supports, reference Tube/Fitting Compatibility Chart (pg. B-8/B-9) or contact Parker Fluid Systems Connectors Division

### Order Information

Example: HDPE-43-0500

HDPE-43-0500 – High Density Polyethylene

HDPE-43-0500 – Tube O.D. in sixteenths of an inch (1/4")

HDPE-43-0500 – Tube I.D. in sixteenths of an inch (.170")

HDPE-43-0500 – Package Quantity in feet (500')



### WARNING

This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

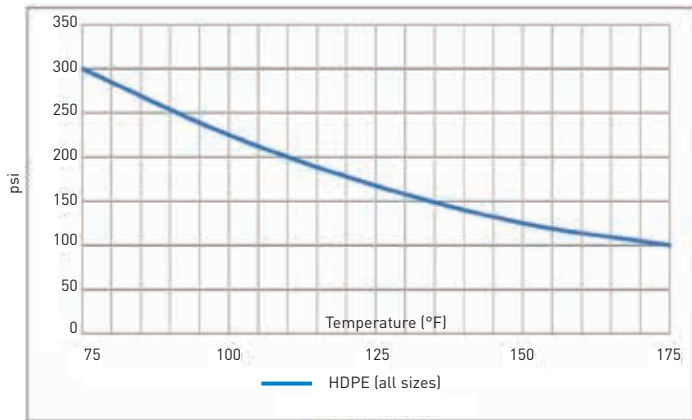
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### Series HDPE - High Strength Polyethylene Size Tubing

Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs./ft.	kg/mtr	
HDPE-43-0250 HDPE-43-0500	1/4	6.4	.170	4.3	.040	1.0	300	20.7	1200	82.7	1-1/2	38.0	.011	.016	●
HDPE-64-0250 HDPE-64-0500	3/8	9.5	.250	6.4	.062	1.6	300	20.7	1200	82.7	2-1/2	63.5	.025	.037	●

### High Density Polyethylene Tubing (Series HDPE) Maximum Working Pressure (psig)



### Colors

Color Code		
●	-	Black

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