

# BARB CONNECTORS

Tefen barb connectors designed to operate with all PE tubes class 2.5-4 PN, at the range.

Can work with other flexible plastic and rubber pipes.

The Fittings and sealing mechanism are based on a barb that holds the tube from the inside diameter.

Fittings size indicate the nominal outside diameter of the tube.

For example:  $\frac{5}{8}$ " barb fitting, fits a  $\frac{5}{8}$ " irrigation tube class 2.5, with inner diameter of  $\frac{1}{2}$ ".



For black Polypropylene only



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# Fittings Products

## Barb Connectors

Polypropylene



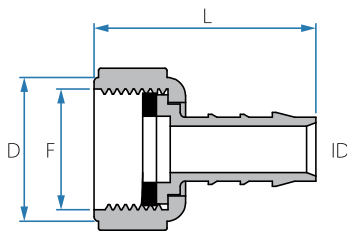
**Working pressure**  
Up to 14 BAR  
(200 psi) at 20 °C



**Temperature**  
4 °C -90 °C  
(subject to application)



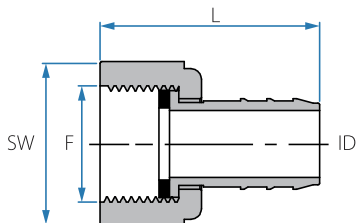
**Fittings' dimensions**  
refer to tube ID or OD,  
with respect to the  
common application



### Female Swivel Hose Connector with Washer

Cat. No.	Tube ID mm	F (BSP)	L mm	D mm	Color
22454746122	6	3/4"	37.9	33.5	■ Black
22454748122	8	3/4"	41.8	33.5	
22454748162	8	1"	40.8	39.7	
22454750122	10	3/4"	44.2	33.5	
22454752122	12	3/4"	45	33.5	
22454752162	12	1"	43.8	39.7	
22454754122	14	3/4"	46.3	33.5	
22454754162	14	1"	45.2	39.7	
22454756122	16	3/4"	46.7	33.5	
22454756162	16	1"	45.6	39.7	
22454759122	19	3/4"	47.5	33.5	
22454759162	19	1"	46.3	39.7	

Note: Use flat seal with this fitting

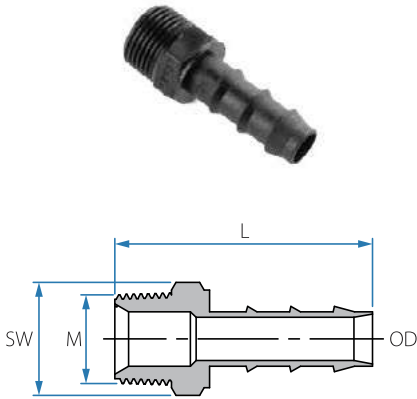


### Female Swivel Hose Connector with Washer

Cat. No.	Tube ID mm	F (BSP)	L	SW	Color
22454750062	10	3/8"	32.8	17	■ Black
22454752082	12	1/2"	33.7	22	

Note: Use flat seal with this fitting

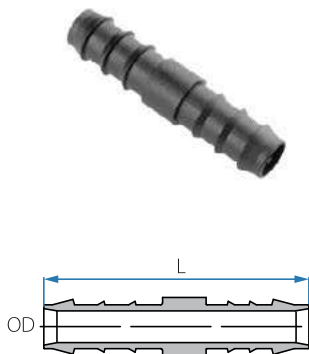
## Male Straight Hose Connector



Cat. No.	Tube OD mm	M (BSPT)	L mm	SW	Color
12456812022	12	1/8"	44.0	11	
12456812042	12	1/4"	47.7	14	
12456812062	12	3/8"	47.3	17	
12456812082	12	1/2"	50.8	22	
12456812122	12	3/4"	51.4	27	
12456816042	16	1/4"	47.6	14	
12456816082	16	1/2"	51.3	22	■ Black
12456816122	16	3/4"	52.0	27	
12456820082	20	1/2"	52.2	22	
12456820122	20	3/4"	54.0	27	
12456820162	20	1"	59.0	36	
12456825082	25	1/2"	53.3	22	
12456825122	25	3/4"	54.5	27	
12456825162	25	1"	59.0	36	
*12466817083	17	1/2"	45.2	22	■ Brown
*12466817123	17	3/4"	46.1	27	

Note: Packing 25 unit  
\* Sharp barb (material: Acetal)

## Union Hose Connector



Cat. No.	Tube OD mm	L mm	Color
12456212002	12	68.6	
12456216002	16	71.4	
12456220002	20	76.5	■ Black
12456225002	25	76.5	
*12466216002	16	49.0	
*12466216003	16	49.0	■ Brown
*12466217003	17	58.3	

Note: Packing 25 unit  
\* Short configuration

# Fittings Products

## Barb Connectors

Polypropylene



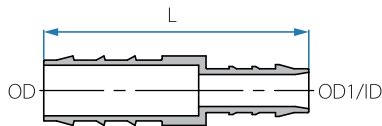
**Working pressure**  
Up to 14 BAR  
(200 psi) at 20 °C



**Temperature**  
4 °C -90 °C  
(subject to application)



**Fittings' dimensions**  
refer to tube ID or OD,  
with respect to the  
common application

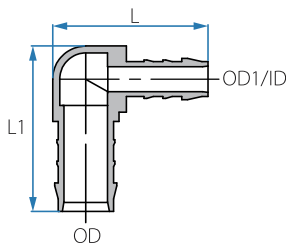


### Reducing Hose Connector

Cat. No.	Tube OD mm	Tube OD1 mm	L mm	Color
12455612162	16	12	71.5	
12455612202	20	12	74.2	
12455616202	20	16	74.2	
12455620252	25	20	76.8	■ Black
*12465612172	17	12	64.1	
*12465616172	17	16	66.0	
*12465617202	20	17	68.8	

Cat. No.	Tube OD mm	Tube ID mm	L mm	Color
12455648122	12	8	63.8	
12455652202	20	12	72.6	
12455656202	20	16	75.6	■ Black
12455659202	20	19	75.4	
12455659252	25	19	75.3	

Note: Packing 25 unit  
\* Sharp barb (material: Acetal)



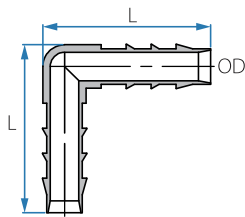
### Reducing Elbow Hose Connector

Cat. No.	Tube OD mm	Tube OD1 mm	L mm	L1 mm	Color
12456612162	16	12	51.2	49.5	
12456612202	20	12	56.4	55.0	■ Black
12456616202	20	16	56.4	54.8	
12456620252	25	20	58.3	56.4	

Note: Packing 25 unit

Cat. No.	Tube OD mm	Tube ID mm	L mm	L1 mm	Color
12456652202	20	12	56.2	52.2	
12456656202	20	16	56.6	55.5	■ Black
12456659202	20	19	55.2	56.4	
12456659252	25	19	58.4	57.4	

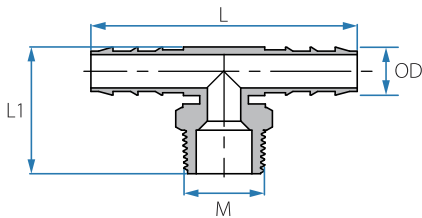
Note: Packing 25 unit



## Union Elbow Hose Connector

Cat. No.	Tube OD mm	L mm	Color
12456512002	12	48.2	■ Black
12456516002	16	49.6	
12456520002	20	56.8	
12456525002	25	58.8	
*12466516003	16	40.5	■ Brown
*12466517003	17	45.1	

Note: Packing 25 unit  
 \* Sharp barb (material: Acetal)



## Male Branch T Hose Connector

Cat. No.	Tube OD mm	M (BSPT)	L mm	L1 mm	Color	
12457112042	12	1/4"	84.7	34.1	■ Black	
12457112062	12	3/8"	84.9	34.3		
12457112082	12	1/2"	84.9	38.4		
12457112122	12	3/4"	84.8	38.9		
12457116062	16	3/8"	86.2	36.3		
12457116082	16	1/2"	86.2	40.0		
12457116122	16	3/4"	86.2	41.0		
12457120082	20	1/2"	93.7	45.5		
12457120122	20	3/4"	93.7	46.6		
12457125082	25	1/2"	93.7	47.6		
12457125122	25	3/4"	93.8	48.6		
*12467117083	17	1/2"	74.3	41.9		■ Brown
*12467117123	17	3/4"	74.3	43.0		

Note: Packing 25 unit  
 \* Sharp barb (material: Acetal)

# Fittings Products

## Barb Connectors

Polypropylene



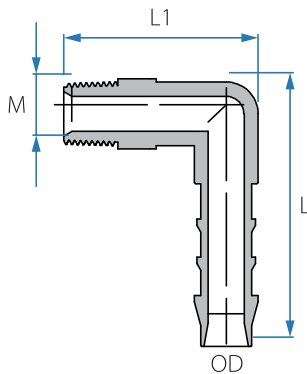
**Working pressure**  
Up to 14 BAR  
(200 psi) at 20 °C



**Temperature**  
4 °C -90 °C  
(subject to application)



**Fittings' dimensions**  
refer to tube ID or OD,  
with respect to the  
common application

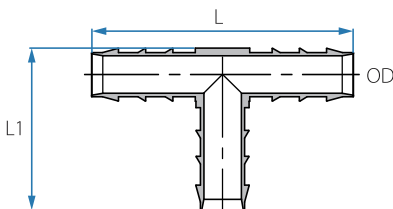


### BSPT Male Elbow Hose Connector

Cat. No.	Tube OD mm	M (BSPT)	L mm	L1 mm	Color
12456912042	12	1/4"	48.4	34.0	
12456912062	12	3/8"	48.4	34.7	
12456912082	12	1/2"	48.4	38.0	
12456912122	12	3/4"	48.5	39.4	
12456916062	16	3/8"	51.1	36.2	
12456916082	16	1/2"	51.6	39.5	Black
12456916122	16	3/4"	51.1	41.0	
12456920082	20	1/2"	56.3	45.0	
12456920122	20	3/4"	56.0	46.8	
12456925082	25	1/2"	58.3	47.2	
12456925122	25	3/4"	58.7	48.5	
*12466917083	17	1/2"	45.5	41.9	Brown
*12466917123	17	3/4"	45.7	43.1	

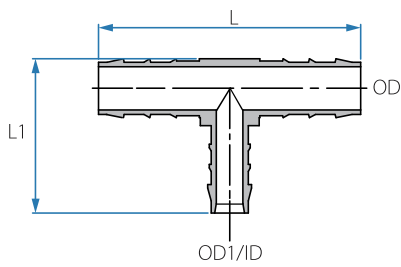
Note: Packing 25 unit  
\* Sharp barb (material: Acetal)

### Union T Hose Connector



Cat. No.	Tube OD mm	L mm	L1 mm	Color
12456412122	12	72.7	44.6	
12456416162	16	76.7	47.7	Black
12456420202	20	84.8	54.7	
12456425252	25	72.8	44.6	
*12466416163	16	76.7	47.7	Brown
*12466417173	17	84.7	54.9	

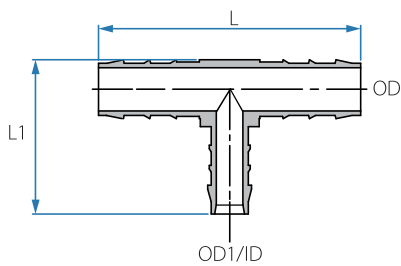
Note: Packing 25 unit  
\* Sharp barb (material: Acetal)



## Reducing T Hose Connector

Cat. No.	Tube OD1 mm	Tube OD mm	L mm	L1 mm	Color
12457212162	12	16	76.7	48.2	■ Black
12457216202	16	20	84.6	52.3	
12457220252	20	25	88.7	58.6	

Note: Packing 25 unit



## Reducing T Hose Connector

Cat. No.	Tube OD mm	Tube ID mm	L mm	L1 mm	Color
12457246162	16	6	76.8	40.6	■ Black
12457252202	20	12	84.7	55.2	
12457256202	20	16	84.9	53.0	
12457259202	20	19	84.7	53.0	

Note: Packing 25 unit

# HOSE FITTINGS

Tefen hose fittings are the perfect choice to connect all types of flexible rubber and plastic tubes in domestic, industrial and all other general applications.

Main advantages:

- Strong and durable, high impact resistant, all sizes are true outside diameter of the fittings, and will match Nylon 6-6 inside diameter of the tube. In order to secure tube on the fitting barb, it is recommended to use Tefen's snap clip or similar metal or plastic clip.
- How to use: push the tube onto the barb all the way to the stopper.
- Secure the tube tightly with a proper size snap clip.



**Food Contact**  
FDA 21 CFR  
For blue Nylon  
6-6 only



**Food Contact**  
(EU) 1935/2004  
For blue Nylon  
6-6 only



For blue, gray & black  
Nylon 6-6 only



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