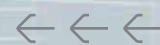


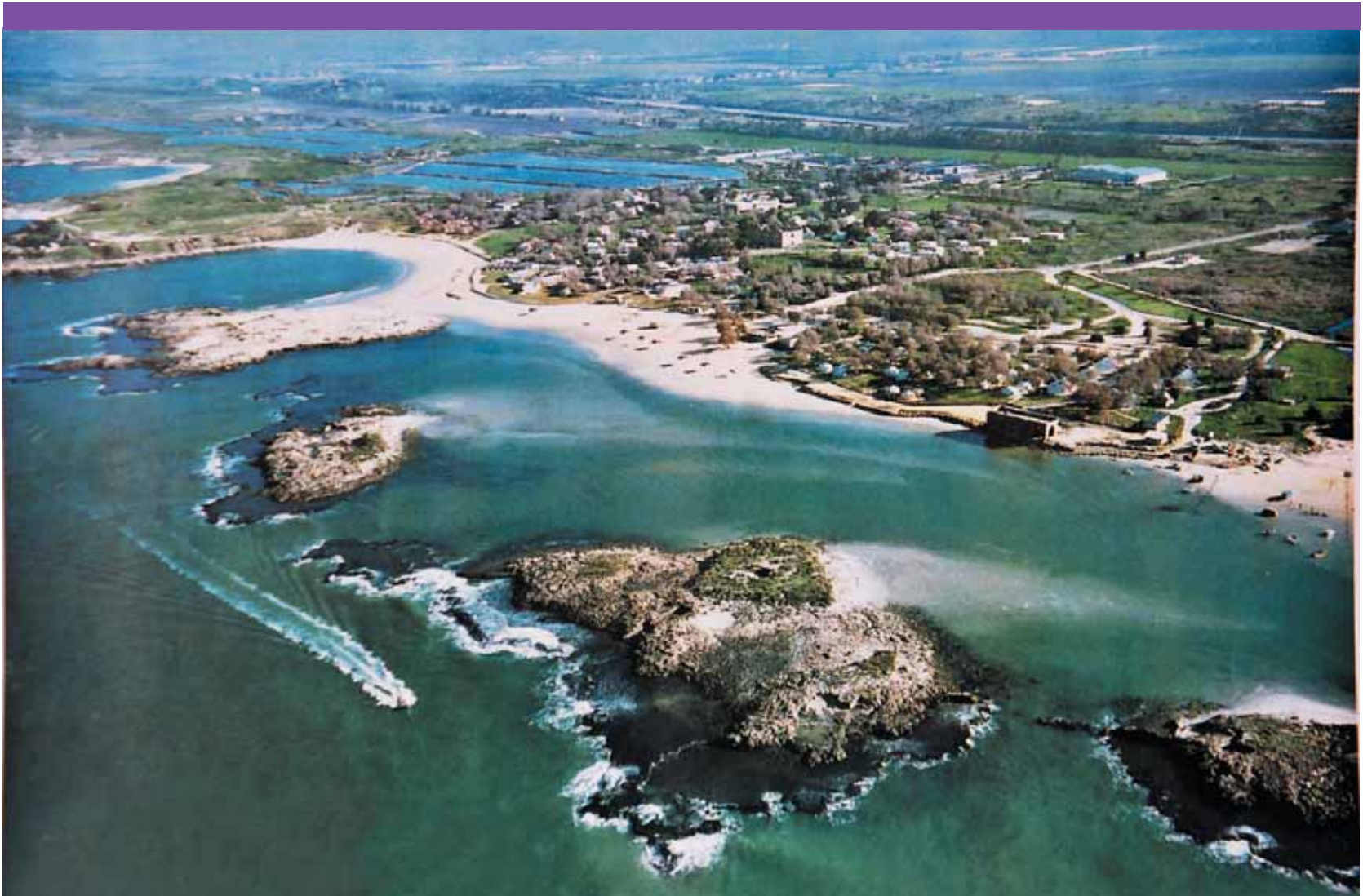
→ → → TEFEN PRODUCTS  
C A T A L O G



PRODUCTS CATALOG



**TEFEN** Advanced Plastic Solutions



## QUALITY ASSURANCE

Quality is an integral part of the development, engineering and production of TEFEN FITTINGS. Starting from raw materials inspection, through ongoing quality assurance during production using Statistical Process Control (SPC) and Total Quality Management (TQM), and finally through testing of the final product before delivery according to ISO 9001:2000 standards.



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## TIGHT PUSH FITTINGS

Material: Acetal copolymer resin.

Colour: Black.

Size colour code: Red support ring = mm

Yellow support ring = inch

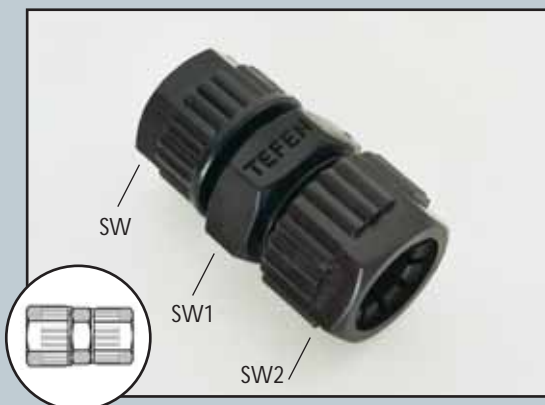
Working pressure: Up to 14 BAR (200 psi) at 20°C.

Temperature: -20°C + 90°C (subject to application).

Assembly: The tube is pushed into the connector and secured by a nut tightening the outer surface of the tube and sealed with a grip ring and NBR "O" ring.

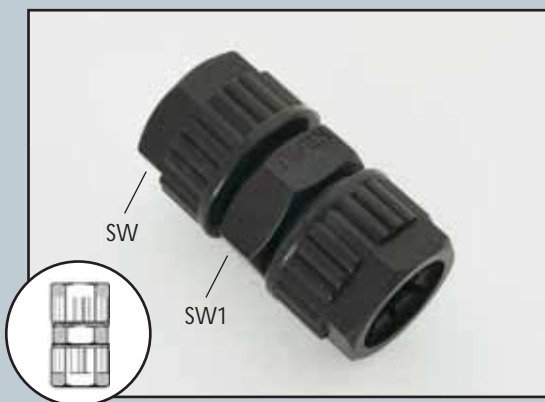
Advantages: Quick assembly without dismantling the fitting. Allowing uninterrupted passage of water or air. Uses: Hydraulic and pneumatic systems mostly indoor applications.

### → REDUCING UNION CONNECTOR



CAT. NO.	Tube O.D	Tube O.D	SW mm	SW1 mm	SW2 mm
22005604032	1/4"	3/16"	15	15	14
22005605032	5/16"	3/16"	16	17	14
22005605042	5/16"	1/4"	16	17	15
22005606042	3/8"	1/4"	19	19	15
22005606052	3/8"	5/16"	19	19	16
22005608052	1/2"	5/16"	22	22	16
22005608062	1/2"	3/8"	22	22	19
22005646442	6 mm	4 mm	15	15	14
22005648442	8 mm	4 mm	16	17	14
22005648462	8 mm	6 mm	16	17	15
22005650462	10 mm	6 mm	19	19	15
22005650482	10 mm	8 mm	19	19	16
22005652482	12 mm	8 mm	22	22	16
22005652502	12 mm	10 mm	22	22	19

### → UNION CONNECTOR



CAT. NO.	Tube O.D	SW mm	SW1 mm
22006203002	3/16"	14	14
22006204002	1/4"	15	15
22006205002	5/16"	16	16
22006206002	3/8"	19	19
22006208002	1/2"	22	22
22006244002	4 mm	14	14
22006246002	6 mm	15	15
22006248002	8 mm	16	16
22006250002	10 mm	19	19
22006252002	12 mm	22	22

### → MALE CONNECTOR



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm
22006803022	3/16"	1/8"	14	14
22006803042	3/16"	1/4"	14	14
22006804022	1/4"	1/8"	15	14
22006804042	1/4"	1/4"	15	15
22006805022	5/16"	1/8"	16	15
22006805042	5/16"	1/4"	16	17
22006806042	3/8"	1/4"	19	17
22006806062	3/8"	3/8"	19	19
22006808062	1/2"	3/8"	22	22
22006808082	1/2"	1/2"	22	22
22006844022	4 mm	1/8"	14	14
22006844042	4 mm	1/4"	14	14
22006846022	6 mm	1/8"	15	14
22006846042	6 mm	1/4"	15	15
22006848022	8 mm	1/8"	16	15
22006848042	8 mm	1/4"	16	17
22006850042	10 mm	1/4"	19	17
22006850062	10 mm	3/8"	19	19
22006852062	12 mm	3/8"	22	22
22006852082	12 mm	1/2"	22	22

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → FEMALE CONNECTOR



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm	Color
22006603022	3/16"	1/8"	14	15	
22006603042	3/16"	1/4"	14	17.5	
22006604022	1/4"	1/8"	15	15.5	
22006604042	1/4"	1/4"	15	17.5	
22006605022	5/16"	1/8"	16	17	
22006605042	5/16"	1/4"	16	17	
22006605062	5/16"	3/8"	16	17	
22006605082	5/16"	1/2"	16	17	
22006606022	3/8"	1/8"	19	19	
22006606042	3/8"	1/4"	19	19	
22006606062	3/8"	3/8"	19	19	
22006606082	3/8"	1/2"	19	19	
22006608062	1/2"	3/8"	22	22	
22006608082	1/2"	1/2"	22	24	
22006644022	4 mm	1/8"	14	15	
22006644042	4 mm	1/4"	14	17.5	
22006646022	6 mm	1/8"	15	15	
22006646042	6 mm	1/4"	15	17	
22006648022	8 mm	1/8"	16	17	
22006648042	8 mm	1/4"	16	17	
22006648062	8 mm	3/8"	16	17	
22006648082	8 mm	1/2"	16	17	
22006650022	10 mm	1/8"	19	19	
22006650042	10 mm	1/4"	19	19	
22006650041	10 mm	1/4"	19	19	
22006650047	10 mm	1/4"	19	19	
22006650062	10 mm	3/8"	19	19.5	
22006650082	10 mm	1/2"	19	19.5	
22006652062	12 mm	3/8"	22	22.5	
22006652082	12 mm	1/2"	22	24	

CAT. NO.	Tube O.D	Thread NPT	SW mm	SW1 mm	Color
22286602023	5/32"	1/8"	14	15	
22286602043	5/32"	1/4"	14	17.5	
22286603023	3/16"	1/8"	14	15	
22286603043	3/16"	1/4"	14	17.5	
22286604023	1/4"	1/8"	15	15.5	
22286604043	1/4"	1/4"	15	17.5	
22286605023	5/16"	1/8"	16	17	
22286605043	5/16"	1/4"	16	17	
22286605063	5/16"	3/8"	16	22	
22286605083	5/16"	1/2"	16	24	
22286606023	3/8"	1/8"	19	19	
22286606043	3/8"	1/4"	19	19	
22286606063	3/8"	3/8"	19	19	
22286606083	3/8"	1/2"	19	19	
22286608063	1/2"	3/8"	22	22.5	
22286608083	1/2"	1/2"	22	24	

## → UNION ELBOW



CAT. NO.	Tube O.D	SW mm	SW1 mm
22006503002	3/16"	14	8.5
22006504002	1/4"	15	10
22006505002	5/16"	16	12
22006506002	3/8"	19	14
22006508002	1/2"	22	17
22006544002	4 mm	14	8
22006546002	6 mm	15	10
22006548002	8 mm	16	12
22006550002	10 mm	19	15
22006552002	12 mm	22	17

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → M A L E E L B O W



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm
22006903022	3/16"	1/8"	14	8
22006903042	3/16"	1/4"	14	8
22006904022	1/4"	1/8"	15	10
22006904042	1/4"	1/4"	15	10
22006905022	5/16"	1/8"	16	12
22006905042	5/16"	1/4"	16	12
22006906042	3/8"	1/4"	19	15
22006906062	3/8"	3/8"	19	15
22006908062	1/2"	3/8"	22	17
22006908082	1/2"	1/2"	22	17
22006944022	4 mm	1/8"	14	8
22006944042	4 mm	1/4"	14	8
22006946022	6 mm	1/8"	15	10
22006946042	6 mm	1/4"	15	10
22006948022	8 mm	1/8"	16	12
22006948042	8 mm	1/4"	16	12
22006950042	10 mm	1/4"	19	15
22006950062	10 mm	3/8"	19	15
22006952062	12 mm	3/8"	22	17
22006952082	12 mm	1/2"	22	17

## → T C O N N E C T O R



CAT. NO.	Tube O.D	SW mm	SW1 mm
22006403032	3/16"	14	8
22006404042	1/4"	15	10
22006405052	5/16"	16	12
22006406062	3/8"	19	15
22006408082	1/2"	22	17
22006444442	4 mm	14	8
22006446462	6 mm	15	10
22006448482	8 mm	16	12
22006450502	10 mm	19	15
22006452522	12 mm	22	17

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## → M A L E B R A N C H T



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm
22007103022	3/16"	1/8"	14	8
22007103042	3/16"	1/4"	14	8
22007104022	1/4"	1/8"	15	10
22007104042	1/4"	1/4"	15	10
22007105022	5/16"	1/8"	16	12
22007105042	5/16"	1/4"	16	12
22007106042	3/8"	1/4"	19	15
22007106062	3/8"	3/8"	19	15
22007108062	1/2"	3/8"	22	17
22007108082	1/2"	1/2"	22	17
22007144022	4 mm	1/8"	14	8
22007144042	4 mm	1/4"	14	8
22007146022	6 mm	1/8"	15	10
22007146042	6 mm	1/4"	15	10
22007148022	8 mm	1/8"	16	12
22007148042	8 mm	1/4"	16	12
22007150042	10 mm	1/4"	19	15
22007150062	10 mm	3/8"	19	15
22007152062	12 mm	3/8"	22	17
22007152082	12 mm	1/2"	22	17

## → M A L E R U N T



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm
22007203022	3/16"	1/8"	14	8
22007203042	3/16"	1/4"	14	8
22007204022	1/4"	1/8"	15	10
22007204042	1/4"	1/4"	15	10
22007205022	5/16"	1/8"	16	12
22007205042	5/16"	1/4"	16	12
22007206042	3/8"	1/4"	19	15
22007206062	3/8"	3/8"	19	15
22007208062	1/2"	3/8"	22	17
22007208082	1/2"	1/2"	22	17
22007244022	4 mm	1/8"	14	8
22007244042	4 mm	1/4"	14	8
22007246022	6 mm	1/8"	15	10
22007246042	6 mm	1/4"	15	10
22007248022	8 mm	1/8"	16	12
22007248042	8 mm	1/4"	16	12
22007250042	10 mm	1/4"	19	15
22007250062	10 mm	3/8"	19	15
22007252062	12 mm	3/8"	22	17
22007252082	12 mm	1/2"	22	17

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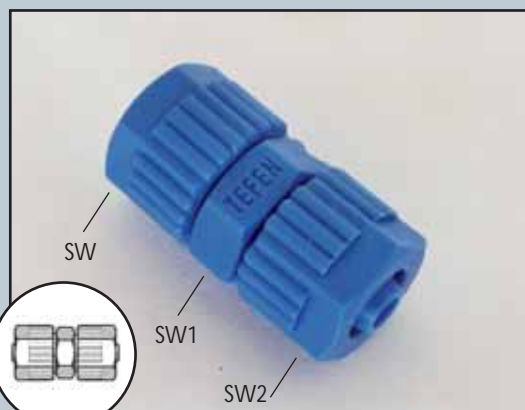
→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## BARB BLOCK FITTINGS

- Material: Fiberglass reinforced polypropylene.  
 Colour: Blue.  
 Working pressure: Up to 14 BAR (200 psi) at 20°C.  
 Temperature: 4°C + 90°C (subject to application).

Assembly: The nut is threaded onto the tube, which is dressed onto the barb. The nut is tightened on the inner and outer surfaces of the tube, insuring tight fitting on various pipe tolerances.  
 Advantages: Quick assembly.  
 Good resistance to chemicals and fertilizers.  
 Excellent for indoor, outdoor and field applications.  
 Uses: Hydraulic systems.

### → REDUCING CONNECTOR

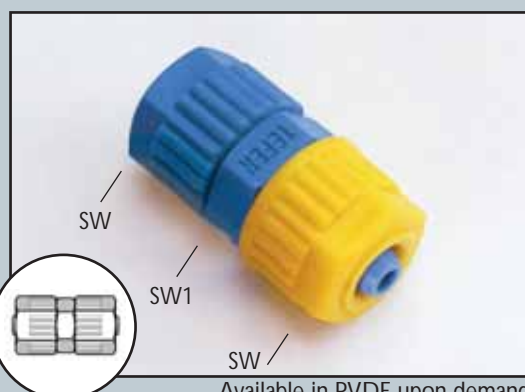


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CAT. NO.	Tube O.D	Tube O.D	SW mm	SW1 mm	SW2 mm	Color
22045648468	8 mm	6 mm	14	14	14	
CAT. NO.	Tube O.D	Tube O.D	SW mm	SW1 mm	SW2 mm	Color
22045605048	5/16"	1/4"	14	14	14	
CAT. NO.	Tube O.D	Tube O.D	SW mm	SW1 mm	SW2 mm	Color
22245605043	5/16"	1/4"	14	14	14	

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### → UNION CONNECTOR



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CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046246008	6 mm	14	14	
22046248008	8 mm	14	14	
22046252008	12 mm	19	19	
CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046204008	1/4"	14	14	
22046205008	5/16"	14	14	
22046208008	1/2"	19	19	
CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22246204003	1/4"	14	14	
22246205003	5/16"	14	14	
22246208003	1/2"	19	19	

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→ OD-Outer diameter → SW-Standard Wrench  
 → ID-Inner diameter → R-Radius

**WRAS** Certification is only for blue barb block fittings

THE LAST DIGIT OF THE CAT. NO. MARKS THE COLOR:

- 8 BSPT with mm tube size    8 BSPT with inch tube size    3 NPT with inch tube size



## → MALE CONNECTOR



CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm	Color
22046846028	6 mm	1/8"	14	13	
22046846048	6 mm	1/4"	14	15	
22046846068	6 mm	3/8"	14	18	
22046846088	6 mm	1/2"	14	22	
22046846128	6 mm	3/4"	14	27	
22046848028	8 mm	1/8"	14	13	
22046848048	8 mm	1/4"	14	15	
22046848068	8 mm	3/8"	14	18	
22046848088	8 mm	1/2"	14	22	
22046848128	8 mm	3/4"	14	27	
22046850048	10 mm	1/4"	17	17	
22046850068	10 mm	3/8"	17	17	
22046850088	10 mm	1/2"	17	22	
22046850128	10 mm	3/4"	17	27	
22046852048	12 mm	1/4"	19	14	
22046852068	12 mm	3/8"	19	18	
22046852088	12 mm	1/2"	19	22	
22046852128	12 mm	3/4"	19	27	
22046848022	8 mm	1/8"	14	13	

CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm	Color
22046804028	1/4"	1/8"	14	13	
22046804048	1/4"	1/4"	14	15	
22046804068	1/4"	3/8"	14	18	
22046804088	1/4"	1/2"	14	22	
22046804128	1/4"	3/4"	14	27	
22046805028	5/16"	1/8"	14	13	
22046805048	5/16"	1/4"	14	15	
22046805068	5/16"	3/8"	14	18	
22046806048	3/8"	1/4"	17	17	
22046806068	3/8"	3/8"	17	17	
22046806088	3/8"	1/2"	17	22	
22046806128	3/8"	3/4"	17	27	
22046808048	1/2"	1/4"	19	14	
22046808068	1/2"	3/8"	19	18	
22046808088	1/2"	1/2"	19	22	
22046808128	1/2"	3/4"	19	27	

CAT. NO.	Tube O.D	Thread NPT	SW mm	SW1 mm	Color
22246804023	1/4"	1/8"	14	13	
22246804043	1/4"	1/4"	14	15	
22246804083	1/4"	1/2"	14	22	
22246804123	1/4"	3/4"	14	27	
22246805023	5/16"	1/8"	14	13	
22246805043	5/16"	1/4"	14	15	
22246805063	5/16"	3/8"	14	18	
22246805083	5/16"	1/2"	14	22	
22246805123	5/16"	3/4"	14	27	
22246806043	3/8"	1/4"	17	15	
22246806063	3/8"	3/8"	17	18	
22246806083	3/8"	1/2"	17	22	
22246806123	3/8"	3/4"	17	27	
22246808043	1/2"	1/4"	19	15	
22246808063	1/2"	3/8"	19	18	
22246808083	1/2"	1/2"	19	22	
22246808123	1/2"	3/4"	19	18	

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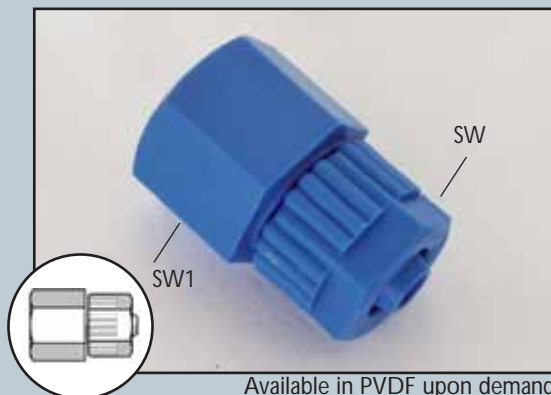
BARB BLOCK FITTINGS ←

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

**WRAS**  
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Certification is only for blue barb block fittings

## → FEMALE CONNECTOR



Available in PVDF upon demand

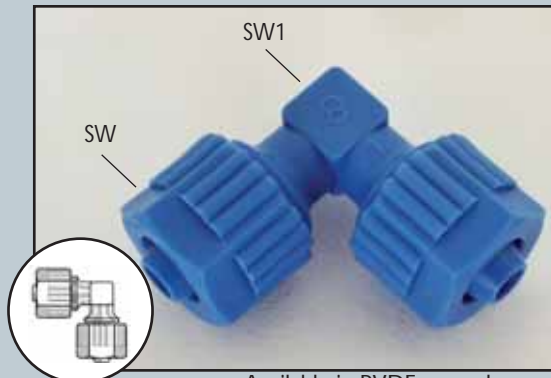
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APPROVED  
PRODUCT

CAT. NO.	Tube O.D	Thread BSPT	Thread mm	SW mm	SW1 mm	Color
22046646028	6 mm	1/8"	M14x1.5	14	14	
22046646048	6 mm	1/4"		14	17	
22046648028	8 mm	1/8"		14	14	
22046648048	8 mm	1/4"		14	17	
22046648548	8 mm			14	17	
22046648068	8 mm	3/8"		14	22	
22046648088	8 mm	1/2"		14	26	
22046650048	10 mm	1/4"		17	17	
22046650068	10 mm	3/8"		17	22	
22046650088	10 mm	1/2"		17	26	

CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm	Color
22046604028	1/4"	1/8"	14	14	
22046604048	1/4"	1/4"	14	17	
22046605028	5/16"	1/8"	14	14	
22046605048	5/16"	1/4"	14	17	
22046605068	5/16"	3/8"	14	22	
22046605088	5/16"	1/2"	14	26	
22046606048	3/8"	1/4"	17	17	
22046606068	3/8"	3/8"	17	22	
22046606088	3/8"	1/2"	17	26	

CAT. NO.	Tube O.D	Thread NPT	SW mm	SW1 mm	Color
22246604023	1/4"	1/8"	14	14	
22246605023	5/16"	1/8"	14	14	
22246605043	5/16"	1/4"	14	17	
22246605063	5/16"	3/8"	14	22	
22246605083	5/16"	1/2"	14	26	
22246606043	3/8"	1/4"	17	17	
22246606063	3/8"	3/8"	17	22	
22246606083	3/8"	1/2"	17	26	

## → UNION ELBOW



Available in PVDF upon demand

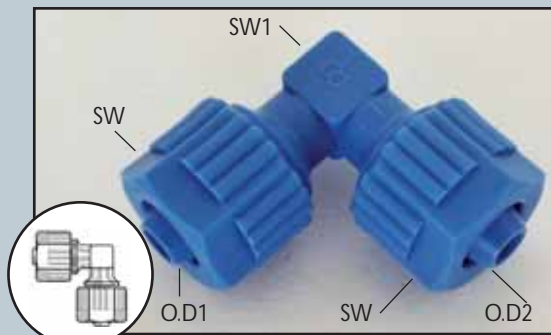
**WRAS**  
APPROVED  
PRODUCT

CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046546008	6 mm	14	8	
22046548008	8 mm	14	8	
22046552008	12 mm	19	15	

CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046504008	1/4"	14	8	
22046505008	5/16"	14	8	
22046508008	1/2"	19	15	
22046508002	1/2"	19	15	

CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22246504003	1/4"	14	8	
22246505003	5/16"	14	8	
22246508003	1/2"	19	15	

## → REDUCING UNION ELBOW



CAT. NO.	Tube O.D1	Tube O.D2	SW mm	SW1 mm	Color
22045748468	8 mm	6 mm	14	8	

Available in PVDF upon demand

**WRAS**  
APPROVED  
PRODUCT

THE LAST DIGIT OF THE CAT. NO. MARKS THE COLOR:

**WRAS**  
APPROVED  
PRODUCT

Certification is only for blue barb block fittings

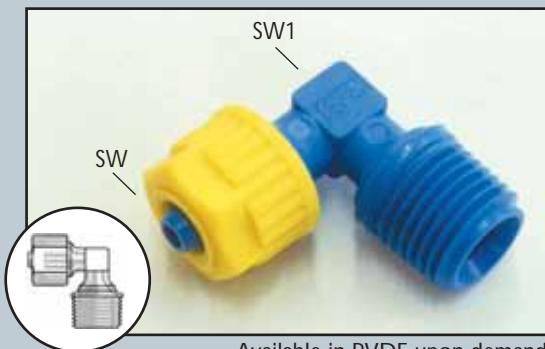
8

BSPT with mm tube size

BSPT with inch tube size

NPT with inch tube size

## → MALE ELBOW



Available in PVDF upon demand

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22046946028	6 mm	1/8"	14	8	
22046946048	6 mm	1/4"	14	8	
22046948028	8 mm	1/8"	14	8	
22046948048	8 mm	1/4"	14	8	
22046948068	8 mm	3/8"	14	8	
22046952048	12 mm	1/4"	19	15	
22046952068	12 mm	3/8"	19	15	
22046952088	12 mm	1/2"	19	15	
22046946022	6 mm	1/8"	14	8	
22046948022	8 mm	1/8"	14	8	

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22046904028	1/4"	1/8"	14	8	
22046904048	1/4"	1/4"	14	8	
22046905028	5/16"	1/8"	14	8	
22046905048	5/16"	1/4"	14	8	
22046905068	5/16"	3/8"	14	8	
22046908048	1/2"	1/4"	19	15	
22046908068	1/2"	3/8"	19	15	
22046908088	1/2"	1/2"	19	15	
22046908082	1/2"	1/2"	19	15	

CAT. NO.	Tube O.D.	Thread NPT	SW mm	SW1 mm	Color
22246904023	1/4"	1/8"	14	8	
22246904043	1/4"	1/4"	14	8	
22246905023	5/16"	1/8"	14	8	
22246905043	5/16"	1/4"	14	8	

**WRAS**  
APPROVED  
PRODUCT

## → FEMALE ELBOW



Available in PVDF upon demand

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22046046028	6 mm	1/8"	14	8	
22046046048	6 mm	1/4"	14	8	
22046048048	8 mm	1/4"	14	8	
22046046022	6 mm	1/8"	14	8	
22046046042	6 mm	1/4"	14	8	
22046048042	8 mm	1/4"	14	8	

**WRAS**  
APPROVED  
PRODUCT

**WRAS**  
APPROVED  
PRODUCT

Certification is only for blue barb block fittings

THE LAST DIGIT OF THE CAT. NO. MARKS THE COLOR:

8

BSPT with mm tube size

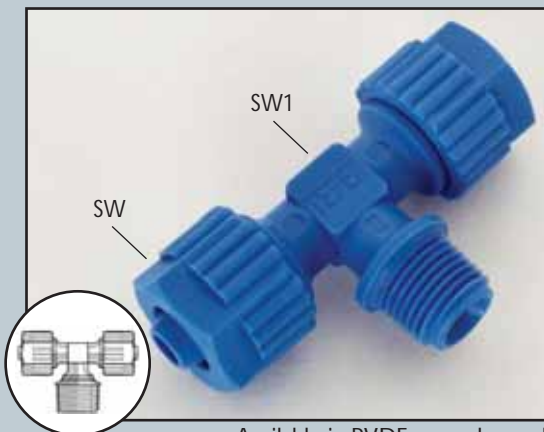
8

BSPT with inch tube size

3

NPT with inch tube size

## → MALE BRANCH T



Available in PVDF upon demand

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22047146028	6 mm	1/8"	14	8	
22047146048	6 mm	1/4"	14	8	
22047148028	8 mm	1/8"	14	8	
22047148048	8 mm	1/4"	14	8	
22047148068	8 mm	3/8"	14	8	
22047152048	12 mm	1/4"	19	15	
22047152068	12 mm	3/8"	19	15	
22047152088	12 mm	1/2"	19	15	
22047146042	6 mm	1/4"	14	8	
22047148022	8 mm	1/8"	14	8	
22047148042	8 mm	1/4"	14	8	

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22047104028	1/4"	1/8"	14	8	
22047104048	1/4"	1/4"	14	8	
22047105028	5/16"	1/8"	14	8	
22047105048	5/16"	1/4"	14	8	
22047105068	5/16"	3/8"	14	8	
22047108048	1/2"	1/4"	19	15	
22047108068	1/2"	3/8"	19	15	

CAT. NO.	Tube O.D.	Thread NPT	SW mm	SW1 mm	Color
22247108063	1/2"	3/8"	19	15	
22247108083	1/2"	1/2"	19	15	
22247104023	1/4"	1/8"	14	8	
22247104043	1/4"	1/4"	14	8	
22247105023	5/16"	1/8"	14	8	
22247105043	5/16"	1/4"	14	8	

**WRAS**  
APPROVED  
PRODUCT

## → FEMALE BRANCH T



Available in PVDF upon demand

CAT. NO.	Tube O.D.	Thread BSPT	SW mm	SW1 mm	Color
22047346028	6 mm	1/8"	14	8	
22047348048	8 mm	1/4"	14	8	
22047304028	1/4"	1/8"	14	8	
22047305048	5/16"	1/4"	14	8	

**WRAS**  
APPROVED  
PRODUCT

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

**WRAS**  
APPROVED  
PRODUCT

Certification is only for blue barb block fittings

THE LAST DIGIT OF THE CAT. NO. MARKS THE COLOR:

8 BSPT with mm tube size

8 BSPT with inch tube size

3 NPT with inch tube size



→ MALE RUN T

Available in PVDF upon demand



WRAS  
APPROVED  
PRODUCT

CAT. NO.	Tube	Thread BSPT	SW mm	SW1 mm	Color
22047246028	6 mm	1/8"	14	8	
22047246048	6 mm	1/4"	14	8	
22047248028	8 mm	1/8"	14	8	
22047248048	8 mm	1/4"	14	8	
22047248068	8 mm	3/8"	14	8	
22047252048	12 mm	1/4"	19	15	
22047252068	12 mm	3/8"	19	15	
22047252088	12 mm	1/2"	19	15	

CAT. NO.	Tube	Thread BSPT	SW mm	SW1 mm	Color
22047204028	1/4"	1/8"	14	8	
22047204048	1/4"	1/4"	14	8	
22047205028	5/16"	1/8"	14	8	
22047205048	5/16"	1/4"	14	8	
22047205068	5/16"	3/8"	14	8	
22047208048	1/2"	1/4"	19	15	
22047208068	1/2"	3/8"	19	15	
22047208088	1/2"	1/2"	19	15	

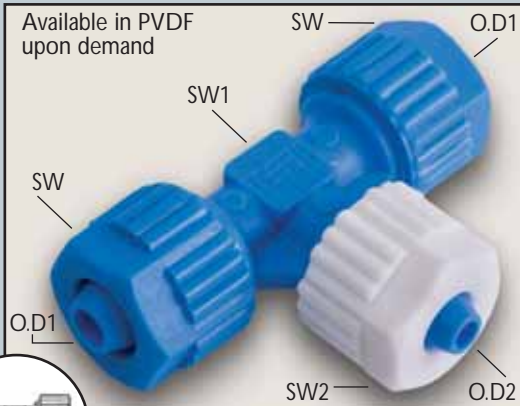
CAT. NO.	Tube	Thread NPT	SW mm	SW1 mm	Color
22247204023	1/4"	1/8"	14	8	
22247204043	1/4"	1/4"	14	8	
22247205023	5/16"	1/8"	14	8	
22247205043	5/16"	1/4"	14	8	
22247205063	5/16"	3/8"	14	8	
22247208023	1/2"	1/8"	14	8	

→ UNION T

Available in PVDF upon demand



Available in PVDF upon demand



CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046446468	6 mm	14	8	
22046448488	8 mm	14	8	
22046452528	12 mm	19	14	

CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22046404041	1/4"	14	8	
22046404048	1/4"	14	8	
22046405058	5/16"	14	8	
22046408088	1/2"	19	14	
22046404042	1/4"	14	8	
22046408082	1/2"	19	14	

CAT. NO.	Tube O.D	SW mm	SW1 mm	Color
22246404043	1/4"	14	8	
22246405053	5/16"	14	8	
22246408083	1/2"	19	14	

CAT. NO.	Tube O.D1	Tube O.D2	SW mm	SW2 mm	SW1 mm	Color
22045846488	6 mm	8 mm	14	14	8	
22045848468	8 mm	6 mm	14	14	8	

WRAS  
APPROVED  
PRODUCT

WRAS  
APPROVED  
PRODUCT

Certification is only for blue barb block fittings

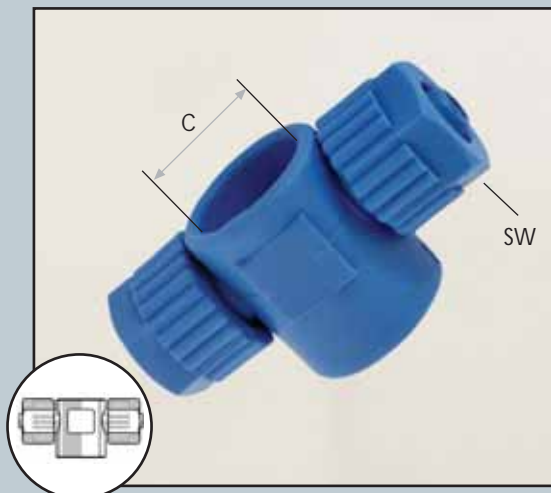
THE LAST DIGIT OF THE CAT. NO. MARKS THE COLOR:

8 BSPT with mm tube size

8 BSPT with inch tube size

3 NPT with inch tube size

## → DOUBLE BANJO BODY

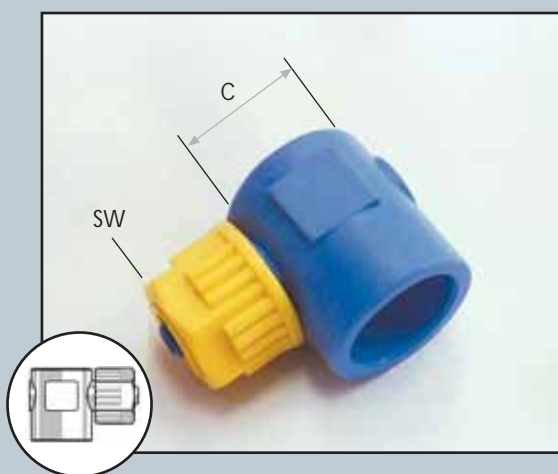


CAT. NO.	Tube O.D	Tube O.D	C Bore	SW mm	Color
22044946028	6 mm	6 mm	1/8"	14	
22044946048	6 mm	6 mm	1/4"	14	
22044986028	8 mm	6 mm	1/8"	14	
22044986048	8 mm	6 mm	1/4"	14	
22044988028	8 mm	8 mm	1/8"	14	
22044988048	8 mm	8 mm	1/4"	14	

CAT. NO.	Tube O.D	Tube O.D	C Bore	SW mm	Color
22044904028	1/4"	1/4"	1/8"	14	
22044904048	1/4"	1/4"	1/4"	14	
22044954028	5/16"	1/4"	1/8"	14	
22044954048	5/16"	1/4"	1/4"	14	
22044905028	5/16"	5/16"	1/8"	14	
22044905048	5/16"	5/16"	1/4"	14	

**WRAS**  
APPROVED  
PRODUCT

## → SINGLE BANJO BODY

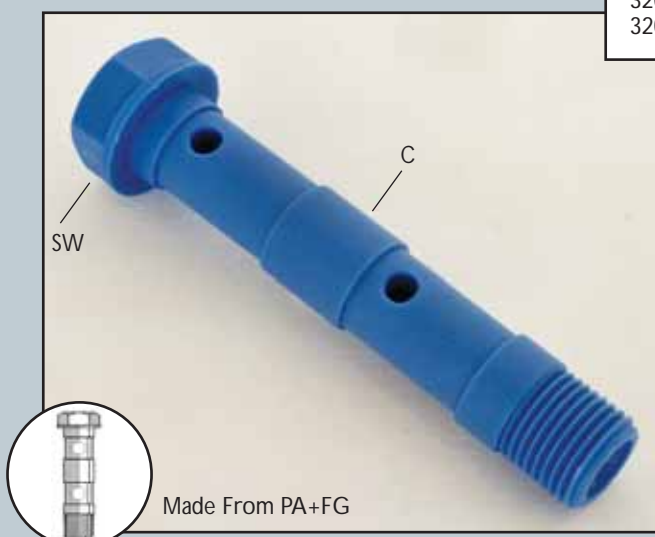


CAT. NO.	Tube O.D	SW mm	C-Bore	Color
22044846028	6 mm	14	1/8"	
22044846048	6 mm	14	1/4"	
22044848028	8 mm	14	1/8"	
22044848048	8 mm	14	1/4"	

CAT. NO.	Tube O.D	SW mm	C-Bore	Color
22044804028	1/4"	14	1/8"	
22044804048	1/4"	14	1/4"	
22044805028	5/16"	14	1/8"	
22044805048	5/16"	14	1/4"	

**WRAS**  
APPROVED  
PRODUCT

## → DOUBLE BANJO BODY BOLT

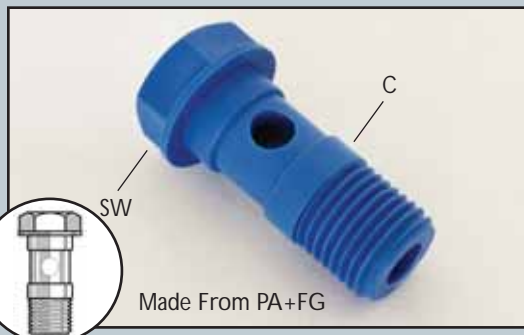


CAT. NO.	SW mm	C-Bore	Thread BSP
32045102028	16 mm	1/8"	1/8"
32045104048	16 mm	1/4"	1/4"

**WRAS**  
APPROVED  
PRODUCT

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

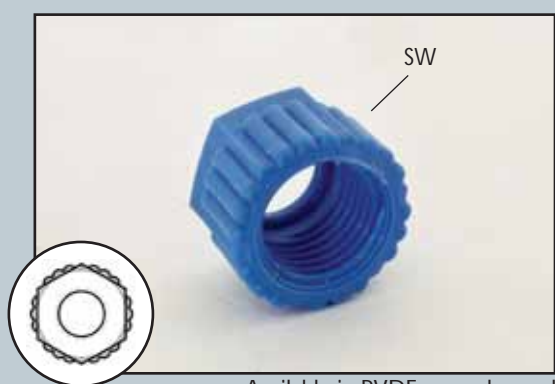
## → SINGLE BANJO BODY BOLT



CAT. NO.	SW mm	C-Bore	Thread BSP
32045002028	16 mm	1/8"	1/8"
32045004048	16 mm	1/4"	1/4"

**WRAS**  
APPROVED  
PRODUCT

## → NUT FOR UNION CONNECTORS



CAT. NO.	Colour	Hose O.D	SW
32046104001	white	1/4"	14
32046104002	black	1/4"	14
32046104009	yellow	1/4"	14
32046108009	yellow long	1/2"	19
32046108012	black short	1/2"	19
32046108019	yellow short	1/2"	19
32046146001	white	6 mm	14
32046146006	red	6 mm	14
32046146008	blue	6 mm	14
32046146009	yellow	6 mm	14
32046148001	white	8 mm	14
32046148006	red	8 mm	14
32046148008	blue	8 mm	14
32046148009	yellow	8 mm	14
32046150008	blue	10 mm	17
32046150009	yellow	10 mm	17
32046150002	black	10 mm	17
32046152006	red long	12 mm	19
32046152008	blue long	12 mm	19
32046152016	red short	12 mm	19
32046152002	black long	12 mm	19

**WRAS**  
APPROVED  
PRODUCT

## → NUT FOR UNION CONNECTOR inch



CAT. NO.	Hose O.D	SW	Colour
32246104003	1/4"	14	
32246105003	5/16"	14	
32246106003	3/8"	17	
32246108003	1/2"	19	

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → FEMALE UNION SWIVEL CONNECTOR



CAT. NO.	Tube O.D	Thread BSPT	SW mm
22044704121	1/4"	3/4"	14
22044746121	6 mm	3/4"	14
22044648121	8 mm	3/4"	14
22044750121	10 mm	3/4"	17
22044752121	12 mm	3/4"	19

CAT. NO.	Tube O.D	Thread BSPT	SW mm	SW1 mm
22044746061	6 mm	3/8"	14	20
22044746081	6 mm	1/2"	14	24
22044748061	8 mm	3/8"	14	20
22044748081	8 mm	1/2"	14	24
22044750081	10 mm	1/2"	17	24

Fiber glass reinforced polypropylene tube connectors feature barb onto which the tube is dressed and tightened with nut on inner and outer surfaces of tube. Note: 3/4" female swivel sealed with flat rubber seal.

Working Pressure: Up to 14 BAR (200 psi).

Advantages: Good resistance to chemicals and fertilizers.

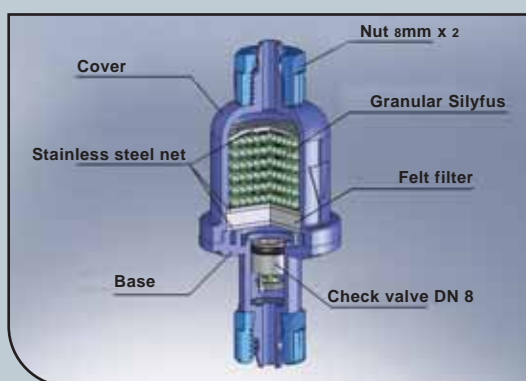
Excellent for outdoor and field applications. Temperature: 90°C max.

## → FEMALE ELBOW SWIVEL CONNECTOR



CAT. NO.	Tube O.D	Thread BSPT	SW mm
22044548121	8 mm	3/4"	30

## → WATER PRE FILTER




	Model White	Model Blue
	220467T9101	220467T9008
Filter Micron (mesh)	150 (100)	150 (100)
Maximum flow rate L/M	8	8
Maximum flow rate G/M	2.11	2.11
Hose connector inlet/outlet (inch)	8 mm (5/16")	8 mm (5/16")
Anti scale substance	-	✓
Check valve	-	✓
Diameter mm (inch)	32 (1 1/4")	32 (1 1/4")
Length mm (inch)	71.7 (2 13/16")	71.7 (2 13/16")



## AGRICULTURE PIPE FITTINGS

Material: Polypropylene.

Colour: Black.

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

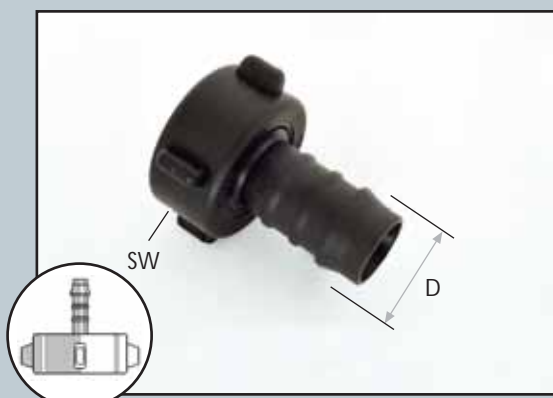
 Temperature: 4°C + 90°C (subject to application).

Assembly: Tubes dressed onto barbed tail of fitting.

Advantages: Good resistance to chemicals and fertilizers.

Uses: Fittings especially suitable for connecting L.D.P.E. agricultural pipes, Class 2.5 and Class 4 and other flexible pipes.

### → FEMALE SWIVEL HOSE CONNECTOR WITH WASHER



Polypropylene swivel hose connector with flat seal. Good resistance to chemicals and fertilizers. Suitable for outdoors use in irrigation systems and gardens.

CAT. NO.	D Hose I.D.	Thread BSP	SW mm
22454746122	6 mm	3/4"	32
22454748122	8 mm	3/4"	32
22454748162	8 mm	1"	38
22454750062	10 mm	3/8"	32
22454750122	10 mm	3/4"	32
22454752082	12 mm	1/2"	32
22454752122	12 mm	3/4"	32
22454752162	12 mm	1"	38
22454754122	14 mm	3/4"	32
22454754162	14 mm	1"	38
22454756122	16 mm	3/4"	32
22454756162	16 mm	1"	38
22454759122	19 mm	3/4"	32
22454759162	19 mm	1"	38
22454706122	3/8"	3/4"	32
22454708162	1/2"	1"	38
22454708122	1/2"	3/4"	32
22454710162	5/8"	1"	38
22454710122	5/8"	3/4"	32
22454712162	3/4"	1"	38
22454712122	3/4"	3/4"	32

### → MALE STRAIGHT HOSE CONNECTOR



CAT. NO.	Hose O.D	Thread BSPT	SW mm	
12456812022	12 mm	1/8"	14	
12456812042	12 mm	1/4"	14	
12456812062	12 mm	3/8"	17	
12456812082	12 mm	1/2"	22	
12456812122	12 mm	3/4"	27	
12456816042	16 mm	1/4"	22	
12456816082	16 mm	1/2"	22	
12456816122	16 mm	3/4"	27	
12456820082	20 mm	1/2"	22	
12456820122	20 mm	3/4"	27	
12456820162	20 mm	1"	29	
12456825082	25 mm	1/2"	22	
12456825122	25 mm	3/4"	27	
12456825162	25 mm	1"	29	
12466817083	17 mm	1/2"	27	SHARP BARB ACETAL
12466817123	17 mm	3/4"	27	SHARP BARB ACETAL

### → UNION HOSE CONNECTOR



CAT. NO.	Hose OD	Colour	
12456212002	12 mm		
12456220002	20 mm		
12456225002	25 mm		
12456216002	16 mm		
12466216002	16 mm	BLACK	SHARP BARB ACETAL
12466216003	16 mm	BROWN	SHARP BARB ACETAL
12466217003	17 mm	BROWN	SHARP BARB ACETAL

## → REDUCING HOSE CONNECTOR



CAT. NO.	D Hose O.D	D1 Hose OD	d Hose ID	
12455648122		12 mm	8 mm	
12455612162	12 mm	16 mm		
12455612202	12 mm	20 mm		
12455616202	16 mm	20 mm		
12455620252	20 mm	25 mm		
12455652202		20 mm	12 mm	
12455656202		20 mm	16 mm	
12455659202		20 mm	19 mm	
12455659252		25 mm	19 mm	
12465612172	12 mm	17 mm		SHARP BARB ACETAL
12465616172	16 mm	17 mm		SHARP BARB ACETAL
12465617202	17 mm	20 mm		SHARP BARB ACETAL

## → MALE ELBOW HOSE CONNECTOR



CAT. NO.	Hose O.D	Thread BSPT	SW mm	
12456912042	12 mm	1/4"	14	
12456912062	12 mm	3/8"	14	
12456912082	12 mm	1/2"	22	
12456912122	12 mm	3/4"	27	
12456916062	16 mm	3/8"	22	
12456916082	16 mm	1/2"	22	
12456916122	16 mm	3/4"	27	
12456920082	20 mm	1/2"	22	
12456920122	20 mm	3/4"	27	
12456925082	25 mm	1/2"	27	
12456925122	25 mm	3/4"	27	
12466917083	17 mm	1/2"	22	SHARP BARB ACETAL
12466917123	17 mm	3/4"	22	SHARP BARB ACETAL

## → REDUCING ELBOW HOSE CONNECTOR



CAT. NO.	D Hose O.D	D1 Hose O.D	d Hose ID
12456612162	12 mm	16 mm	
12456616202	16 mm	20 mm	
12456620252	20 mm	25 mm	
12456612202	12 mm	20 mm	
12456652202		20 mm	12 mm
12456656202		20 mm	16 mm
12456659202		20 mm	19 mm
12456659252		25 mm	19 mm

## → ELBOW HOSE CONNECTOR



CAT. NO.	Hose O.D	
12456512002	12 mm	SHARP BARB ACETAL SHARP BARB ACETAL
12456516002	16 mm	
12456520002	20 mm	
12456525002	25 mm	
12466516003	16 mm	
12466517003	17 mm	

## → MALE BRANCHT HOSE CONNECTOR



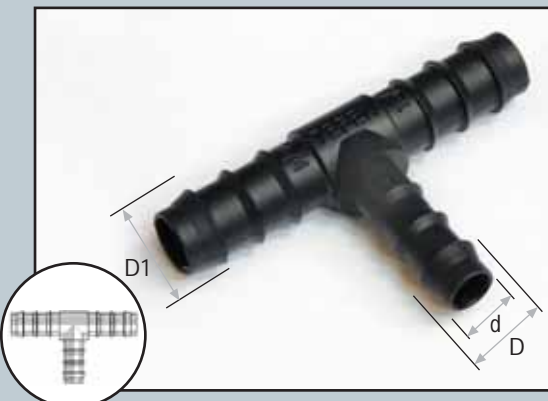
CAT. NO.	Hose O.D	Thread BSPT	SW mm	
12457112042	12 mm	1/4"	14	SHARP BARB ACETAL SHARP BARB ACETAL
12457112062	12 mm	3/8"	22	
12457112082	12 mm	1/2"	22	
12457112122	12 mm	3/4"	27	
12457116062	16 mm	3/8"	17	
12457116082	16 mm	1/2"	22	
12457116122	16 mm	3/4"	27	
12457120082	20 mm	1/2"	22	
12457120122	20 mm	3/4"	27	
12457125082	25 mm	1/2"	22	
12457125122	25 mm	3/4"	27	
12467117083	17 mm	1/2"	22	
12467117123	17 mm	3/4"	27	

## → T HOSE CONNECTOR



CAT. NO.	Hose O.D	
12456412122	12 mm	SHARP BARB ACETAL SHARP BARB ACETAL
12456416162	16 mm	
12456420202	20 mm	
12456425252	25 mm	
12466416163	16 mm	
12466417173	17 mm	

## → REDUCING T HOSE CONNECTOR



CAT. NO.	D Hose O.D	D1 Hose O.D	d Hose I.D
12457212162	12 mm	16 mm	6 mm 12 mm 16 mm 19 mm
12457216202	16 mm	20 mm	
12457220252	20 mm	25 mm	
12457246162		16 mm	
12457252202		20 mm	
12457256202		20 mm	
12457259202		20 mm	

# INDUSTRIAL HOSE FITTINGS

Material: Nylon 66.  
Colours: Blue or Gray.

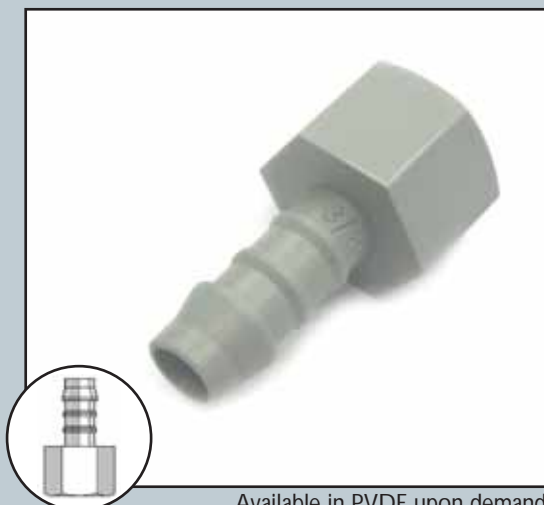
Available in **PVDF** upon demand.  
Colour: Natural.

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






Temperature: -20°C + 110°C (subject to application).  
Assembly: Tubes dressed onto barbed tail of fitting and secured with Tefen snap clip (page 23).  
Advantages: Strong and durable.  
Uses: Fittings especially suitable for connecting plastic, rubber or soft p.v.c. hoses in industrial and domestic applications. As these hoses have various wall thicknesses the size is by ID measurement.

## FEMALE THREADED STRAIGHT HOSE CONNECTOR



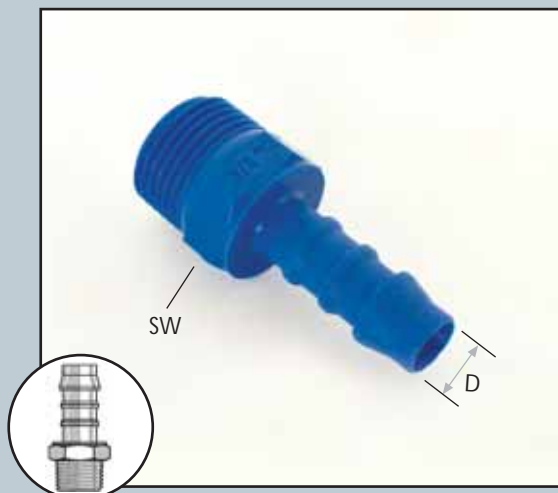
Available in PVDF upon demand

CAT. NO.	Hose ID	Thread BSPT	Color
12446745028	5 mm	1/8"	
12446745048	5 mm	1/4"	
12446745068	5 mm	3/8"	
12446745088	5 mm	1/2"	
12446746028	6 mm	1/8"	
12446746048	6 mm	1/4"	
12446746068	6 mm	3/8"	
12446746088	6 mm	1/2"	
12446748028	8 mm	1/8"	
12446748041	8 mm	1/4"	
12446748048	8 mm	1/4"	
12446748068	8 mm	3/8"	
12446748088	8 mm	1/2"	
12446750048	10 mm	1/4"	
12446750068	10 mm	3/8"	
12446750088	10 mm	1/2"	
12446752048	12 mm	1/4"	
12446752068	12 mm	3/8"	
12446752088	12 mm	1/2"	
12446754068	14 mm	3/8"	
12446754088	14 mm	1/2"	
12446756088	16 mm	1/2"	
12446759088	19 mm	1/2"	

CAT. NO.	Hose ID	Thread NPT	Color
12256704023	1/4"	1/8"	
12256704043	1/4"	1/4"	
12256704063	1/4"	3/8"	
12256704083	1/4"	1/2"	
12256705023	5/16"	1/8"	
12256705043	5/16"	1/4"	
12256705063	5/16"	3/8"	
12256705083	5/16"	1/2"	
12256706043	3/8"	1/4"	
12256706063	3/8"	3/8"	
12256706083	3/8"	1/2"	
12256708043	1/2"	1/4"	
12256708063	1/2"	3/8"	
12256708083	1/2"	1/2"	
12256709063	9/16"	3/8"	
12256709083	9/16"	1/2"	
12256710083	5/8"	1/2"	
12256712083	3/4"	1/2"	



## → MALE THREADED STRAIGHT HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	Hose I.D	Thread BSPT	SWmm	Color
12446844028	4 mm	1/8"	11	
12446844048	4 mm	1/4"	14	
12446845028	5 mm	1/8"	11	
12446845048	5 mm	1/4"	14	
12446846028	6 mm	1/8"	11	
12446846048	6 mm	1/4"	14	
12446846068	6 mm	3/8"	17	
12446846088	6 mm	1/2"	22	
12446846128	6 mm	3/4"	22	
12446848028	8 mm	1/8"	11	
12446848048	8 mm	1/4"	14	
12446848068	8 mm	3/8"	17	
12446848088	8 mm	1/2"	22	
12446848128	8 mm	3/4"	17	
12446850048	10 mm	1/4"	14	
12446850068	10 mm	3/8"	17	
12446850088	10 mm	1/2"	22	
12446850128	10 mm	3/4"	27	
12446852048	12 mm	1/4"	14	
12446852068	12 mm	3/8"	17	
12446852088	12 mm	1/2"	22	
12446852128	12 mm	3/4"	27	
12446854068	14 mm	3/8"	17	
12446854088	14 mm	1/2"	22	
12446854128	14 mm	3/4"	27	
12446856088	16 mm	1/2"	22	
12446856128	16 mm	3/4"	27	
12446859088	19 mm	1/2"	22	
12446859128	19 mm	3/4"	27	
12446859168	19 mm	1"	36	
12446865128	25 mm	3/4"	27	
12446865168	25 mm	1"	36	

## → SPECIAL PANEL MALE STRAIGHT HOSE CONNECTOR

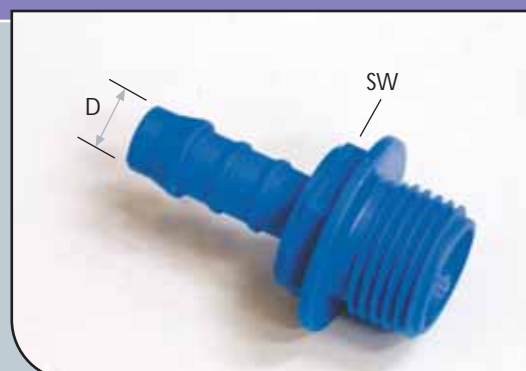


Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread NPT	SW mm	Color
12256802023	5/32"	1/8"	11	
12256802043	5/32"	1/4"	14	
12256803023	3/16"	1/8"	11	
12256803043	3/16"	1/4"	14	
12256804023	1/4"	1/8"	17	
12256804043	1/4"	1/4"	22	
12256804063	1/4"	3/8"	11	
12256804083	1/4"	1/2"	14	
12256805023	5/16"	1/8"	17	
12256805043	5/16"	1/4"	22	
12256805063	5/16"	3/8"	14	
12256805083	5/16"	1/2"	22	
12256806043	3/8"	1/4"	22	
12256806063	3/8"	3/8"	27	
12256806083	3/8"	1/2"	22	
12256806123	3/8"	3/4"	27	
12256808043	1/2"	1/4"	22	
12256808063	1/2"	3/8"	17.5	
12256808083	1/2"	1/2"	27	
12256808123	1/2"	3/4"	22	
12256809063	9/16"	3/8"	27	
12256809083	9/16"	1/2"	22	
12256809123	9/16"	3/4"	27	
12256810083	5/8"	1/2"	22	
12256810123	5/8"	3/4"	27	
12256812083	3/4"	1/2"	22	
12256812123	3/4"	3/4"	27	

12P46850088	10 mm	1/2"	27	
12P56806083	10 mm	1/2"	27	

## → FLANGE MOUNTING MALE STRAIGHT HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread BSPT	SW mm	Color
12F46850088	10 mm	1/2"	22	

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → MALE THREADED ELBOW HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread BSPT	SW mm	Color
12446944028	4 mm	1/8"	11	
12446944048	4 mm	1/4"	14	
12446945028	5 mm	1/8"	11	
12446945048	5 mm	1/4"	14	
12446945088	5 mm	1/2"	22	
12446946028	6 mm	1/8"	11	
12446946048	6 mm	1/4"	14	
12446946068	6 mm	3/8"	17	
12446946088	6 mm	1/2"	22	
12446948028	8 mm	1/8"	11	
12446948048	8 mm	1/4"	14	
12446948068	8 mm	3/8"	17	
12446948088	8 mm	1/2"	22	
12446950048	10 mm	1/4"	14	
12446950068	10 mm	3/8"	17	
12446950088	10 mm	1/2"	22	
12446950128	10 mm	3/4"	27	
12446952048	12 mm	1/4"	14	
12446952068	12 mm	3/8"	17	
12446952088	12 mm	1/2"	22	
12446952128	12 mm	3/4"	27	
12446954068	14 mm	3/8"	17	
12446954088	14 mm	1/2"	22	
12446954128	14 mm	3/4"	27	
12446956088	16 mm	1/2"	22	
12446956128	16 mm	3/4"	27	
12446959088	19 mm	1/2"	22	
12446959128	19 mm	3/4"	27	

CAT. NO.	D Hose I.D	Thread NPT	SW mm	Color
12256902023	5/32"	1/8"	11	
12256902043	5/32"	1/4"	14.5	
12256903023	3/16"	1/8"	11	
12256903043	3/16"	1/4"	14.5	
12256903083	3/16"	1/2"	22	
12256904023	1/4"	1/8"	11	
12256904043	1/4"	1/4"	14.5	
12256904063	1/4"	3/8"	18	
12256904083	1/4"	1/2"	24	
12256905023	5/16"	1/8"	11	
12256905043	5/16"	1/4"	14.5	
12256905063	5/16"	3/8"	18	
12256905083	5/16"	1/2"	24	
12256906043	3/8"	1/4"	14.5	
12256906063	3/8"	3/8"	18	
12256906083	3/8"	1/2"	24	
12256906123	3/8"	3/4"	27	
12256908043	1/2"	1/4"	14.5	
12256908063	1/2"	3/8"	18	
12256908083	1/2"	1/2"	24	
12256908123	1/2"	3/4"	27	
12256909063	9/16"	3/8"	18	
12256909083	9/16"	1/2"	24	
12256909123	9/16"	3/4"	27	
12256910083	5/8"	1/2"	24	
12256910123	5/8"	3/4"	27	
12256912083	3/4"	1/2"	24	
12256912123	3/4"	3/4"	27	

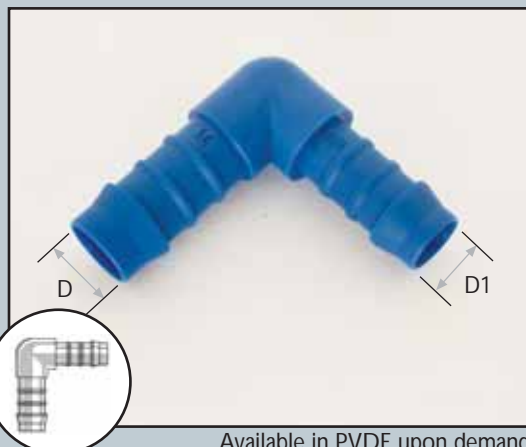
## → MALE THREADED ELBOW HOSE CONNECTOR - FLANGE



Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread BSPT	SW mm	Color
12F46950068	10 mm	3/8"	17	
12F46950088	10 mm	1/2"	22	

## → REDUCING ELBOW HOSE CONNECTOR



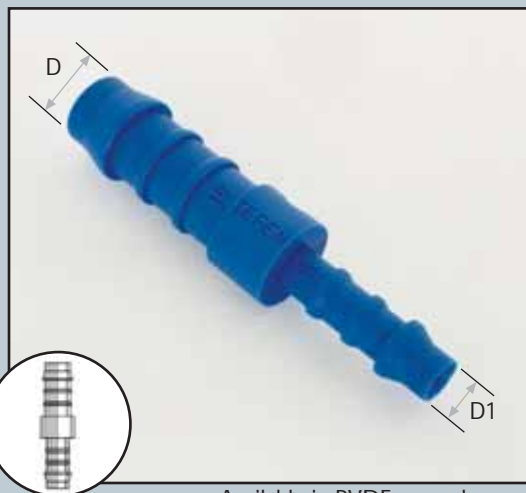
CAT. NO.	D Hose I.D	D1 Hose I.D	Color
12446645448	5 mm	4 mm	
12446646458	6 mm	5 mm	
12446648468	8 mm	6 mm	
12446650468	10 mm	6 mm	
12446650488	10 mm	8 mm	
12446652508	12 mm	10 mm	
12446654528	14 mm	12 mm	
12446656548	16 mm	14 mm	
12446659568	19 mm	16 mm	
12256603023	3/16"	5/32"	
12256604033	1/4"	3/16"	
12256605043	5/16"	1/4"	
12256606043	3/8"	1/4"	
12256606053	3/8"	5/16"	
12256608063	1/2"	3/8"	
12256609083	9/16"	1/2"	
12256610093	5/8"	9/16"	
12256612103	3/4"	5/8"	

## → ELBOW HOSE CONNECTOR



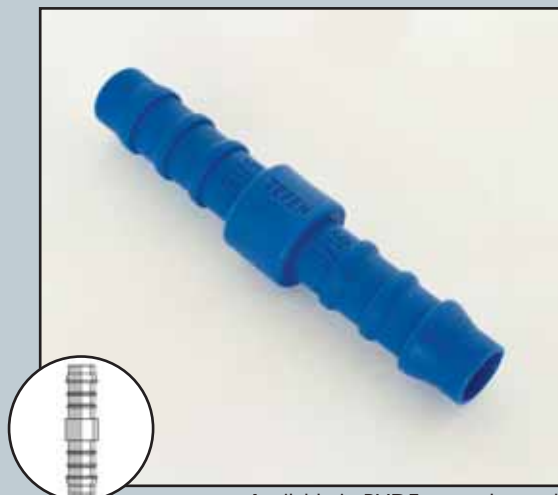
CAT. NO.	Hose I.D	Color
12446544008	4 mm	
12446545008	5 mm	
12446546008	6 mm	
12446548008	8 mm	
12446550008	10 mm	
12446552008	12 mm	
12446554008	14 mm	
12446556008	16 mm	
12446559008	19 mm	
12256502003	5/32"	
12256503003	3/16"	
12256504003	1/4"	
12256505003	5/16"	
12256506003	3/8"	
12256508003	1/2"	
12256509003	9/16"	
12256510003	5/8"	
12256512003	3/4"	

## → REDUCING HOSE CONNECTOR



CAT. NO.	D Hose I.D	D1 Hose I.D	Color
12445645448	5 mm	4 mm	
12445646448	6 mm	4 mm	
12445646458	6 mm	5 mm	
12445648458	8 mm	5 mm	
12445648468	8 mm	6 mm	
12445650468	10 mm	6 mm	
12445650488	10 mm	8 mm	
12445652488	12 mm	8 mm	
12445652508	12 mm	10 mm	
12445654508	14 mm	10 mm	
12445654528	14 mm	12 mm	
12445656528	16 mm	12 mm	
12445656548	16 mm	14 mm	
12445659548	19 mm	14 mm	
12445659568	19 mm	16 mm	
12255603023	3/16"	5/32"	
12255604023	1/4"	5/32"	
12255604033	1/4"	3/16"	
12255605033	5/16"	3/16"	
12255605043	5/16"	1/4"	
12255606043	3/8"	1/4"	
12255606053	3/8"	5/16"	
12255608053	1/2"	5/16"	
12255608063	1/2"	3/8"	
12255609063	9/16"	3/8"	
12255609083	9/16"	1/2"	
12255610083	5/8"	1/2"	
12255610093	5/8"	9/16"	
12255612093	3/4"	9/16"	
12255612103	3/4"	5/8"	

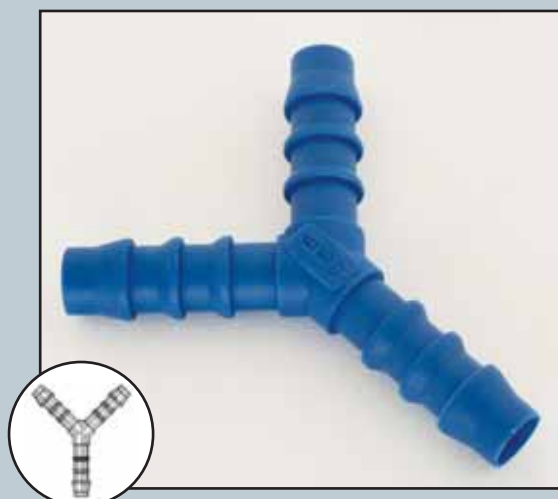
## → HOSE CONNECTOR



Available in PVDF upon demand

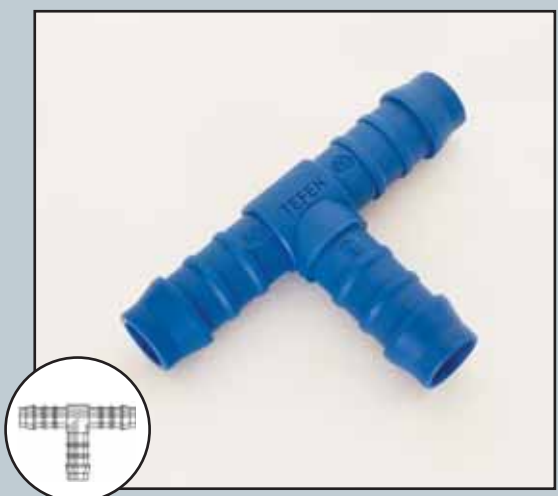
CAT. NO.	Hose I.D	Color
12446244008	4 mm	
12446245008	5 mm	
12446246008	6 mm	
12446248008	8 mm	
12446250008	10 mm	
12446252008	12 mm	
12446254008	14 mm	
12446256008	16 mm	
12446259008	19 mm	
12256202003	5/32"	
12256203003	3/16"	
12256204003	1/4"	
12256205003	5/16"	
12256206003	3/8"	
12256208003	1/2"	
12256209003	9/16"	
12256210003	5/8"	
12256211003	11/16"	
12256212003	3/4"	

## → Y HOSE CONNECTOR



CAT. NO.	Hose I.D	Color
12446344448	4 mm	
12446346468	6 mm	
12446348488	8 mm	
12446350508	10 mm	
12446357578	17 mm	
12256302023	5/32"	
12256304043	1/4"	
12256305053	5/16"	
12256306063	3/8"	
12256311113	11/16"	

## → UNION T HOSE CONNECTOR

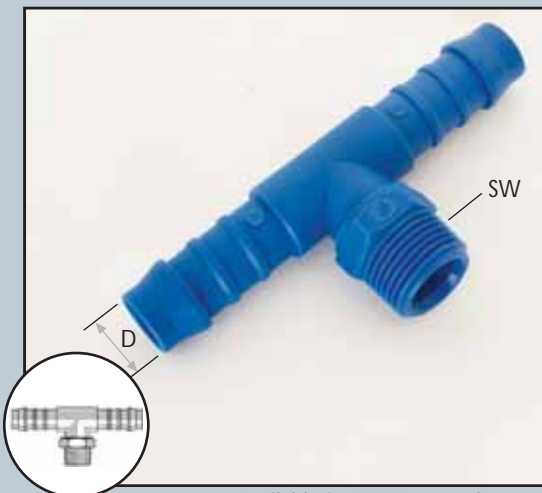


Available in PVDF upon demand

CAT. NO.	Hose I.D	Color
12446444448	4 mm	
12446445458	5 mm	
12446446468	6 mm	
12446448488	8 mm	
12446450508	10 mm	
12446452528	12 mm	
12446454548	14 mm	
12446456568	16 mm	
12446459598	19 mm	
12256402023	5/32"	
12256403033	3/16"	
12256404043	1/4"	
12256405053	5/16"	
12256406063	3/8"	
12256408083	1/2"	
12256409093	9/16"	
12256410103	5/8"	
12256412123	3/4"	



→ MALE BRANCH T HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread BSPT	SW mm	Color
12447144028	4 mm	1/8"	11	
12447144048	4 mm	1/4"	14	
12447145028	5 mm	1/8"	11	
12447145048	5 mm	1/4"	14	
12447146028	6 mm	1/8"	11	
12447146048	6 mm	1/4"	14	
12447146068	6 mm	3/8"	17	
12447146088	6 mm	1/2"	22	
12447148028	8 mm	1/8"	11	
12447148048	8 mm	1/4"	14	
12447148068	8 mm	3/8"	17	
12447148088	8 mm	1/2"	22	
12447150048	10 mm	1/4"	14	
12447150068	10 mm	3/8"	17	
12447150088	10 mm	1/2"	22	
12447150128	10 mm	3/4"	27	
12447152048	12 mm	1/4"	14	
12447152068	12 mm	3/8"	17	
12447152088	12 mm	1/2"	22	
12447152128	12 mm	3/4"	27	
12447154068	14 mm	3/8"	17	
12447154088	14 mm	1/2"	22	
12447154128	14 mm	3/4"	27	
12447156088	16 mm	1/2"	22	
12447156128	16 mm	3/4"	27	
12447159088	19 mm	1/2"	22	
12447159128	19 mm	3/4"	27	

→ FLANGE BRANCH T HOSE CONNECTOR



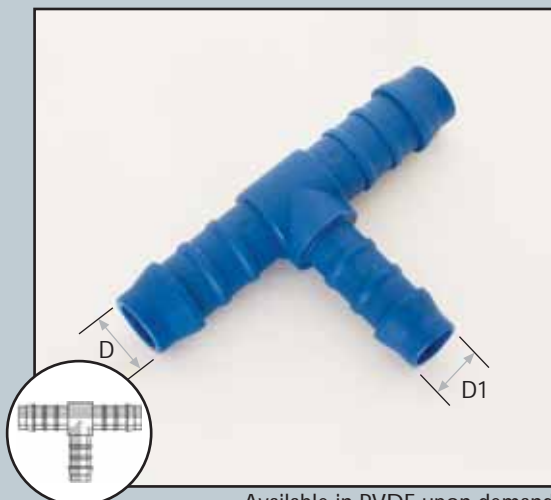
Available in PVDF upon demand

CAT. NO.	D Hose I.D	Thread NPT	SW mm	Color
12257102023	5/32"	1/8"	11	
12257102043	5/32"	1/4"	14.5	
12257103023	3/16"	1/8"	11	
12257103043	3/16"	1/4"	14.5	
12257103083	3/16"	1/2"	24	
12257104023	1/4"	1/8"	11	
12257104043	1/4"	1/4"	14.5	
12257104063	1/4"	3/8"	18	
12257104083	1/4"	1/2"	24	
12257105023	5/16"	1/8"	11	
12257105043	5/16"	1/4"	14.5	
12257105063	5/16"	3/8"	18	
12257105083	5/16"	1/2"	24	
12257106043	3/8"	1/4"	14.5	
12257106063	3/8"	3/8"	18	
12257106083	3/8"	1/2"	24	
12257106123	3/8"	3/4"	27	
12257108043	1/2"	1/4"	14.5	
12257108063	1/2"	3/8"	18	
12257108083	1/2"	1/2"	24	
12257108123	1/2"	3/4"	27	
12257109063	9/16"	3/8"	18	
12257109083	9/16"	1/2"	24	
12257109123	9/16"	3/4"	27	
12257110083	5/8"	1/2"	24	
12257110123	5/8"	3/4"	27	
12257112083	3/4"	1/2"	24	
12257112123	3/4"	3/4"	27	

CAT. NO.	D Hose I.D	Thread BSPT	SW mm	Color
12F47150068	10 mm	3/8"	17	
12F47150088	10 mm	1/2"	22	

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

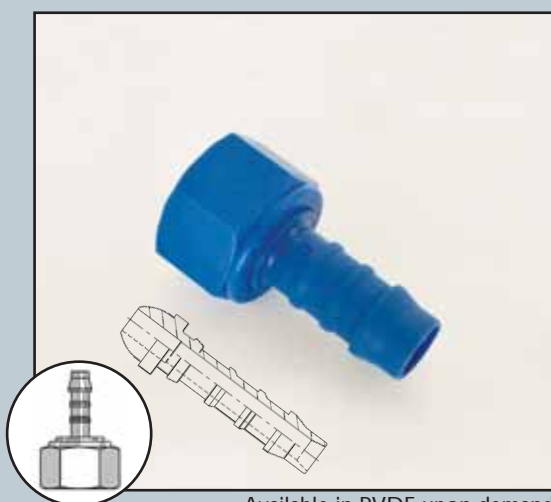
## → REDUCING T HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	D Hose I.D	D1 Hose I.D	Color
12447245448	5 mm	4 mm	
12447246458	6 mm	5 mm	
12447248468	8 mm	6 mm	
12447250488	10 mm	8 mm	
12447252508	12 mm	10 mm	
12447254528	14 mm	12 mm	
12447256548	16 mm	14 mm	
12447259568	19 mm	16 mm	
12257203023	3/16"	5/32"	
12257204033	1/4"	3/16"	
12257205043	5/16"	1/4"	
12257206053	3/8"	5/16"	
12257208063	1/2"	3/8"	
12257209083	9/16"	1/2"	
12257210093	5/8"	9/16"	
12257212103	3/4"	5/8"	

## → FEMALE SWIVEL STRAIGHT HOSE CONNECTOR - CONICAL SEAT



Available in PVDF upon demand

Nylon Swivel connector with conical seat tube dressed onto barbed tail and secured with Tefen snap clip (page 25). Suitable for plastic, rubber and soft P.V.C. hoses. Colour: Blue. Temperature: Max 90°C

CAT. NO.	Hose I.D	Thread BSP	SW mm	Colour
22444644028	4 mm	1/8"	13	
22444645028	5 mm	1/8"	13	
22444644048	4 mm	1/4"	16	
22444645048	5 mm	1/4"	16	
22444646048	6 mm	1/4"	16	
22444648048	8 mm	1/4"	16	
22444645068	5 mm	3/8"	20	
22444646068	6 mm	3/8"	20	
22444648068	8 mm	3/8"	20	
22444650068	10 mm	3/8"	20	
22444646088	6 mm	1/2"	24	
22444648088	8 mm	1/2"	24	
22444650088	10 mm	1/2"	24	
22444652088	12 mm	1/2"	24	
22444654088	14 mm	1/2"	24	
22444648128	8 mm	3/4"	30	
22444650128	10 mm	3/4"	30	
22444652128	12 mm	3/4"	30	
22444654128	14 mm	3/4"	30	
22444656128	16 mm	3/4"	30	
22444659128	19 mm	3/4"	30	
22444648042	8 mm	1/4"	16	
22444650062	10 mm	3/8"	20	
22444652082	12 mm	1/2"	24	

## → FEMALE SWIVEL STRAIGHT HOSE CONNECTOR



Available in PVDF upon demand

CAT. NO.	Hose I.D.	Thread BSP	SW mm
22454765168	24 mm	1"	44

→ FLANGE PIPE ELBOW



Available in PVDF upon demand

CAT. NO.	Thread BSPT	SW mm
12016506L08	3/8"	12

→ SNAP CLIP ACETAL



CAT. NO.	R	D mm
17090010002	R-8	8-10
17090012002	R-10	10-12
17090013002	R-11	11-13
17090015002	R-13	13-15
17090016002	R-14	14-16
17090017002	R-15	15-17
17090018002	R-16	16-18
17090019002	R-17	17-19
17090020002	R-18	18-20
17090021002	R-20	20-22
17090023002	R-21	21-23
17090025002	R-23	23-25
17090028002	R-26	26-28
17090032002	R-30	30-32
17090037002	R-35	35-37
17090046002	R-44	44-46
17090049002	R-47	47-49

**SNAP CLIP**

Material: Acetal resin  
 Colour: Black.  
 Working pressure: Up to 14 BAR (200 psi).  
 Temperature: -4°C + 90°C (after fitting).  
 Assembly: With hose in place locate snap clip around the hose and simple manual pressure will ensure a snug joint. Use plier to tighten. Release by applying lateral pressure.  
 Advantages: Strong and durable. Reusable.



→ OD-Outer diameter → SW-Standard Wrench  
 → ID-Inner diameter → R-Radius

## ADAPTORS

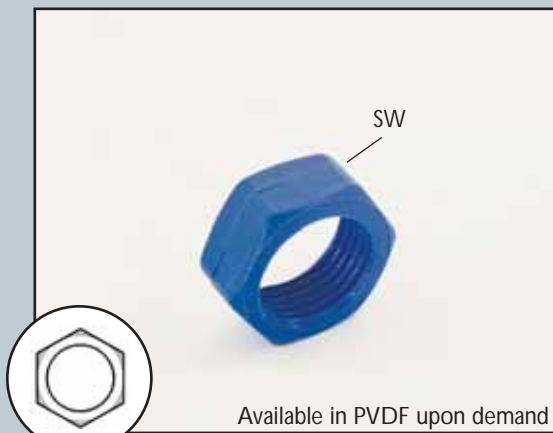


Material: Nylon 66.  
Colour: Blue.  
Working pressure: Up to 14 BAR (200 psi).



Temperature: -20°C +110°C (subject to application).  
These fittings are supplementary to all other fittings enabling various adapting combinations.

### → PANEL MOUNTING NUT



Available in PVDF upon demand

CAT. NO.	Colour	Thread BSPT	SW mm
32006100042	Black	1/4"	15
32006100081	White (thin)	1/2"	25.5
32006100082	Black	1/2"	25.5
32006100088	Blue	M20	Ø 28
32006100201	White	1/2"	25.5

### → PIPE REDUCING NIPPLE



Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12012304028	1/4"	1/8"	17	Blue
12012306028	3/8"	1/8"	19	Blue
12012306048	3/8"	1/4"	19	Blue
12012308048	1/2"	1/4"	22	Blue
12012308068	1/2"	3/8"	22	Blue

CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12022304023	1/4"	1/8"	14.5	Grey
12022306023	3/8"	1/8"	17.5	Grey
12022308023	1/2"	1/8"	22	Grey
12022312023	3/4"	1/8"	27	Grey
12022306043	3/8"	1/4"	17.5	Grey
12022308043	1/2"	1/4"	22	Grey
12022312043	3/4"	1/4"	27	Grey
12022308063	1/2"	3/8"	22	Grey
12022312063	3/4"	3/8"	27	Grey
12022312083	3/4"	1/2"	27	Grey

### → PIPE HEX NIPPLE



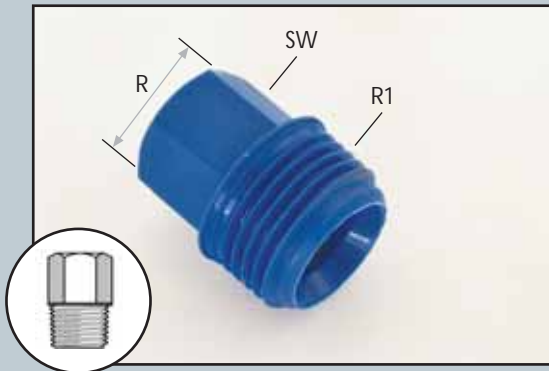
Available in PVDF upon demand

CAT. NO.	Thread BSPT	SW mm	Color
12012202028	1/8"	14	Blue
12012204048	1/4"	17	Blue
12012206068	3/8"	19	Blue
12012208088	1/2"	22	Blue

CAT. NO.	Thread NPT	SW mm	Color
12022202023	1/8"	11	Grey
12022204043	1/4"	14.5	Grey
12022206063	3/8"	17.5	Grey
12022208083	1/2"	22	Grey
12022212123	3/4"	27	Grey



## → PIPE ADAPTOR

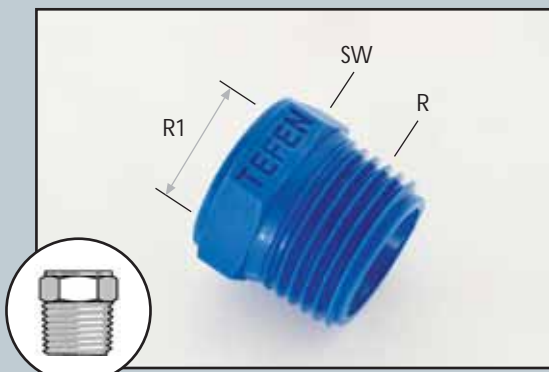


Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12012002028	1/8"	1/8"	14	
12012002048	1/8"	1/4"	14	
12012002068	1/8"	3/8"	14	
12012002088	1/8"	1/2"	14	
12012004028	1/4"	1/8"	17	
12012004048	1/4"	1/4"	17	
12012004068	1/4"	3/8"	17	
12012004088	1/4"	1/2"	17	
12012006028	3/8"	1/8"	22	
12012006048	3/8"	1/4"	22	
12012006068	3/8"	3/8"	22	
12012006088	3/8"	1/2"	22	
12012008028	1/2"	1/8"	26	
12012008048	1/2"	1/4"	26	
12012008068	1/2"	3/8"	26	
12012008088	1/2"	1/2"	26	

CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12022002023	1/8"	1/8"	14	
12022002043	1/8"	1/4"	14	
12022002063	1/8"	3/8"	14	
12022002083	1/8"	1/2"	14	
12022004023	1/4"	1/8"	17	
12022004043	1/4"	1/4"	17	
12022004063	1/4"	3/8"	17	
12022004083	1/4"	1/2"	17	
12022006023	3/8"	1/8"	22	
12022006043	3/8"	1/4"	22	
12022006063	3/8"	3/8"	22	
12022006083	3/8"	1/2"	22	
12022008023	1/2"	1/8"	26	
12022008043	1/2"	1/4"	26	
12022008063	1/2"	3/8"	26	
12022008083	1/2"	1/2"	26	

## → PIPE BUSHING



Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12011004028	1/4"	1/8"	14	
12011006028	3/8"	1/8"	17	
12011006048	3/8"	1/4"	17	
12011008028	1/2"	1/8"	22	
12011008048	1/2"	1/4"	22	
12011008068	1/2"	3/8"	22	
12011012048	3/4"	1/4"	27	
12011012068	3/4"	3/8"	27	
12011012088	3/4"	1/2"	27	

CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12021004023	1/4"	1/8"	14	
12021006023	3/8"	1/8"	18.5	
12021006043	3/8"	1/4"	18.5	
12021008023	1/2"	1/8"	24	
12021008043	1/2"	1/4"	24	
12021008063	1/2"	3/8"	24	
12021012043	3/4"	1/4"	29	
12021012063	3/4"	3/8"	29	
12021012083	3/4"	1/2"	29	

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → FEMALE PIPE COUPLING



CAT. NO.	Thread BSPT	SW mm	Colour
12010302021	1/8"	14	White
12010304042	1/4"	17	Black
12010302028	1/8"	14	Blue
12010304048	1/4"	17	Blue
12010306068	3/8"	21	Black
12010308088	1/2"	26	Black
12010312122	3/4"	34	Blue
12010312128	3/4"	34	Blue
CAT. NO.	Thread NPT	SW mm	Colour
12020302023	1/8"	14	Grey
12020304043	1/4"	17	Grey
12020306063	3/8"	21	Grey
12020308083	1/2"	26	Grey

## → THREADED ELBOW



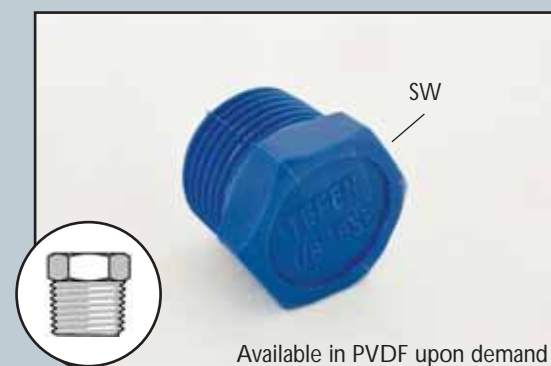
CAT. NO.	Thread BSPT	SW mm	Colour
12016502002	1/8"	10	Black
12016504001	1/4"	10	White
12016504002	1/4"	10	Black
12016504007	1/4"	10	Green
12016502008	1/8"	10	Blue
12016504008	1/4"	10	Blue
12016506008	3/8"	14	Blue
12016508008	1/2"	17	Blue
CAT. NO.	Thread NPT	SW mm	Colour
12026502003	1/8"	10	Grey
12026504003	1/4"	10	Grey

## → THREADED REDUCING ELBOW



CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12016904028	1/4"	1/8"	10	Blue
12016906048	3/8"	1/4"	15	Blue
12016908068	1/2"	3/8"	17	Blue
CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12026904023	1/4"	1/8"	10	Grey

## → HEX THREADED PLUG



CAT. NO.	Thread BSPT	SW mm	Color
12012104001	1/4"	15	White
12012104002	1/4"	15	Black
12012102008	1/8"	12	Blue
12012104008	1/4"	15	Blue
12012106008	3/8"	17	Black
12012108008	1/2"	22	Black
12012112008	3/4"	30	Black
12012116008	1"	36	Black
CAT. NO.	Thread NPT	SW mm	Color
12022102003	1/8"	12	Grey
12022104003	1/4"	14	Grey
12022106003	3/8"	17	Grey
12022108003	1/2"	22	Grey
12022112003	3/4"	30	Grey

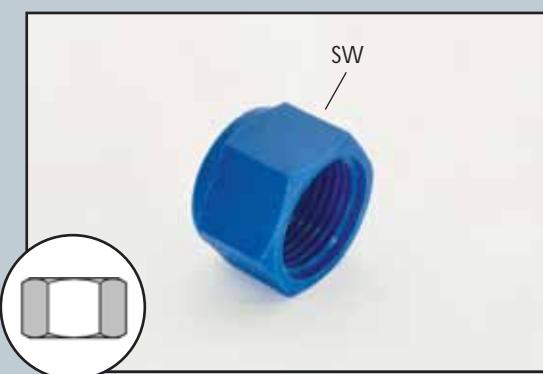
## → HEX THREADED FLANGE PLUG



Available in PVDF upon demand

CAT. NO.	Thread BSPT	SW mm
12012108L08	1/2"	22

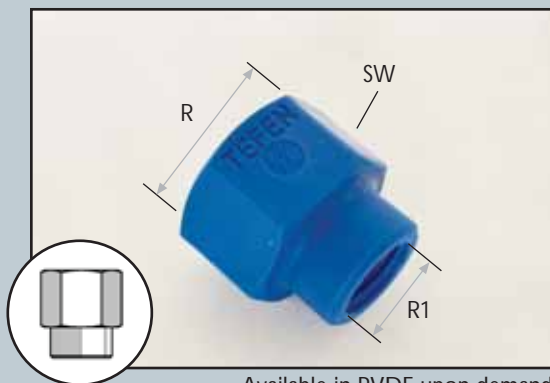
## → PIPE CAP



Available in PVDF upon demand

CAT. NO.	Thread BSPT	SW mm	Color
12010802008	1/8"	13	
12010804008	1/4"	16	
12010806008	3/8"	20	
12010808008	1/2"	25	
12010812008	3/4"	30	
CAT. NO.	Thread NPT	SW mm	Color
12020802003	1/8"	14	
12020804003	1/4"	17	
12020806003	3/8"	22	
12020808003	1/2"	26	
12020812003	3/4"	29	

## → PIPE REDUCING COUPLING

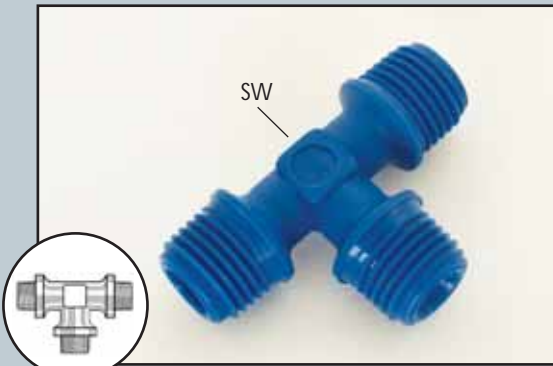


Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12011904028	1/4"	1/8"	17	
12011906028	3/8"	1/8"	21	
12011906048	3/8"	1/4"	21	
12011908048	1/2"	1/4"	26	
12011908068	1/2"	3/8"	26	
12011912048	3/4"	1/4"	30	
12011912088	3/4"	1/2"	30	
12011912042	3/4"	1/4"	30	
12011912068	3/4"	3/8"	30	
12011912082	3/4"	1/2"	30	
CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12021904023	1/4"	1/8"	17	
12021906023	3/8"	1/8"	21	
12021906043	3/8"	1/4"	21	
12021908043	1/2"	1/4"	26	
12021908063	1/2"	3/8"	26	

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius

## → PIPE T



Available in PVDF upon demand

CAT. NO.	Thread BSPT	SW mm	Color
12016402008	1/8"	12	
12016404008	1/4"	12	
12016406008	3/8"	15	
12016408008	1/2"	17	
CAT. NO.	Thread NPT	SW mm	Color
12026402003	1/8"	12	
12026404003	1/4"	12	

## → PIPE REDUCING BRANCH T



Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12017104028	1/4"	1/8"	14	
12017106048	3/8"	1/4"	14	
12017108068	1/2"	3/8"	14	
12017102048	1/8"	1/4"	14	
12017104068	1/4"	3/8"	17	
12017106088	3/8"	1/2"	17	
CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12027104023	1/4"	1/8"	12	

## → PIPE REDUCING RUN T



Available in PVDF upon demand

CAT. NO.	R Thread BSPT	R1 Thread BSPT	SW mm	Color
12017204028	1/4"	1/8"	12	
12017206048	3/8"	1/4"	15	
12017208068	1/2"	3/8"	17	
12017202048	1/8"	1/4"	12	
12017204068	1/4"	3/8"	15	
12017206088	3/8"	1/2"	17	
CAT. NO.	R Thread NPT	R1 Thread NPT	SW mm	Color
12027204023	1/4"	1/8"	12	

## QUICK CONNECTOR

Material: Acetal resin, stainless steel spring. Sealed by NBR "O" ring.

Colour: Black and Red.

Working pressure: Up to 14 BAR (200 psi).

Temperature: -20°C +110°C (subject to application).

This small quick connector has easily movable sleeve that locks the plug in place. When the plug is disconnected the socket acts as shut off valve. Uses: In air and water lines.

### → QUICK RELEASE SOCKET



CAT. NO.	Thread BSPT	SW mm
* 22080004000	1/4"	19
** 22081104002	1/4"	19

\* The body is made of Nylon.

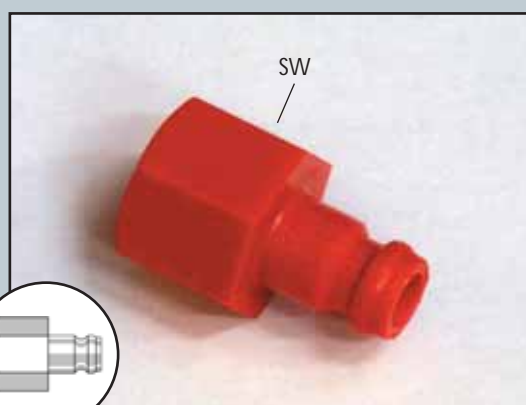
\*\* With viton seal.

### → PLUG - EXTERNAL THREAD



CAT. NO.	Thread BSPT	SW mm
12081404006	1/4"	17

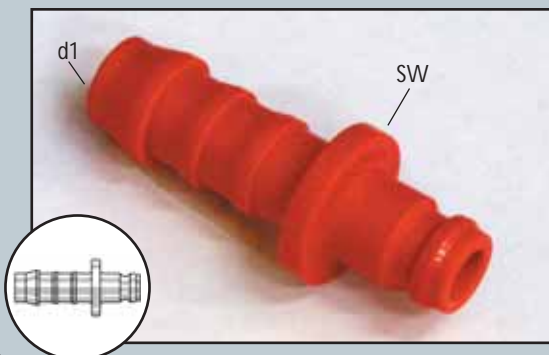
### → PLUG - INTERNAL THREAD



CAT. NO.	Thread BSPT	SW mm
12081504006	1/4"	17

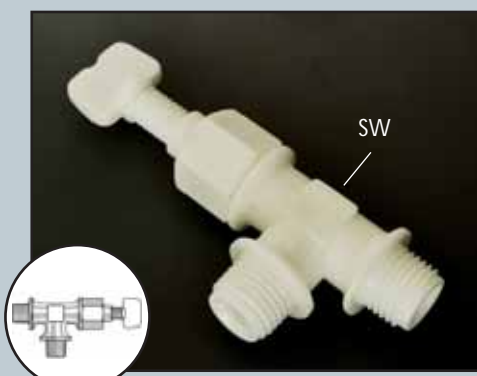


→ PLUG - HOSE CONNECTOR



CAT. NO.	d-Tube I.D	SW mm
12081645006	5 mm	17
12081646006	6 mm	17
12081648006	8 mm	17
12081650006	10 mm	17
12081652006	12 mm	17

→ V A L V E 1 / 4 "



CAT. NO.	Thread BSPT
22272904011	1/4"
22272904012	1/4"
22272904017	1/4"

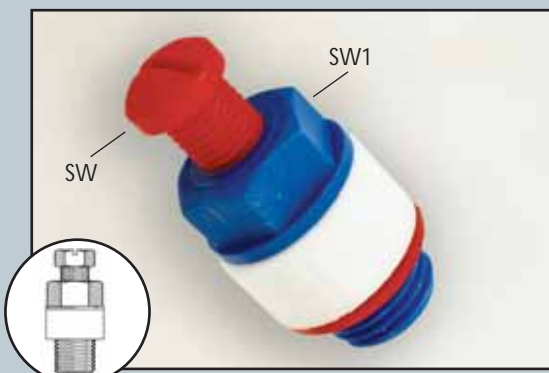
Material: Acetal.  
This needle valve is used for controlling small quantities of water in indoor applications.

BALL VALVE 1/4" BSP  
MALE X FEMALE



CAT. NO. 17010000001  
Material: Acetal  
SW: 21 mm  
I.D: 5.5 mm  
Working Pressure: 8 bar

→ SILENCER WITH RESTRICTOR VALVE  
FOR PNEUMATIC VALVES



CAT. NO.	Thread BSPT	SW mm	SW1 mm
PLASTIC SCREW			
22276004000	1/4"	15	13
22276008000	1/2"	25	18
BRASS SCREW			
22276004010	1/4"	15	13
22276008010	1/2"	25	18

This combined silencer and restrictor valve unit provides cylinder speed adjustment and noise reduction. Silencer is generally inserted in air outlet of cylinder control valve.

→ VALVE RELEASE / DRAIN VALVE



CAT. NO.	Thread BSPT
22273008002	1/2"
22273108002	1/2"

**Valve release**

Valve installed vertically upwards on the highest point. Functions as antisiphon valve (CAT. No. 22273008002).

**Drain Valve** with stainless spring. Valve installed at pipe end.

For automatic drainage of condensed water in compressed-air lines, after shut-off of compressed-air supply. (CAT. No. 22273108002)

→ LDPE

→ LDPE CONTROL TUBES



CAT. NO.	O.D	I.D	Min bend radius	Roll Length
14030004501	1/4"	0.170"	1"	500 m
14030004506	1/4"	0.170"	1"	500 m
14030004507	1/4"	0.170"	1"	500 m
14030004508	1/4"	0.170"	1"	500 m
14030004509	1/4"	0.170"	1"	500 m
14030004601X	6 mm	4 mm	1"	100 m
14030004620X	6 mm	4 mm	1"	200 m
14030004650X	6 mm	4 mm	1"	500 m
14030004810X	8 mm	5.3 mm	11/2"	100 m
14030004820X	8 mm	5.3 mm	11/2"	200 m
14030004850X	8 mm	5.3 mm	11/2"	500 m

Available to order between 1 to 4 stripes (in the same color)  
Standard 2 stripes

Standard packaging for all tubes →



Drum packaging available for 500 m rolls →



WRAS  
APPROVED  
PRODUCT

→ LDPE TUBES



CAT. NO.	O.D	I.D	Min bend radius	Roll Length
1403000310X	3/16"	0.117"	1/2"	100 m
1403000410X	1/4"	0.170"	1"	100 m
1403000510X	5/16"	0.212"	11/2"	100 m
1403000610X	3/8"	0.256"	2"	100 m
1403000810X	1/2"	0.381"	3"	100 m
14030004410X	4 mm	2.2 mm	12 mm	100 m
14030004610X	6 mm	4 mm	25 mm	100 m
1403000510X	8 mm	5.3 mm	35 mm	100 m
14030005010X	10 mm	7 mm	50 mm	100 m
14030005210X	12 mm	9 mm	75 mm	100 m

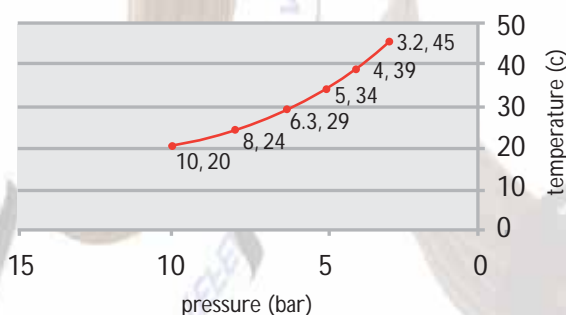
Standard packaging for all tubes →



WRAS  
APPROVED  
PRODUCT

Recommended Work Pressure For All PE Tubes At 20<sup>0</sup> is 10 Bar (147 PSI): Class (rank) 10

Recommended nominal working pressure for LDPE



COLOR CODING:

LDPE control tubes: X stands for the color of the added stripes (basic color of the tube is black).

LDPE tubes: X stands for the color of the tube.

1	White
2	Black
6	Red
7	Green
8	Blue
9	Yellow

WRAS  
APPROVED  
PRODUCT

Certification is only for blue & black tubes

## → HDPE

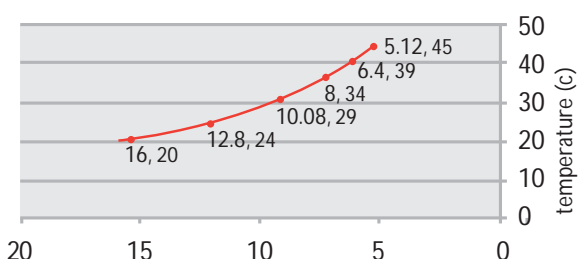
### → HDPE PN-16



CAT. NO.	O.D	W.T.	Nominal Pressure Bar (PSI)	Min Band Radius	Packing
1402004610X	6.00 mm	0.8 mm	16 (235.2)	30 mm	100 M
1402004620X	6.00 mm	0.8 mm	16 (235.2)	30 mm	200 M
1402004650X	6.00 mm	0.8 mm	16 (235.2)	30 mm	500 M
1402000410X	1/4" (6.35 mm)	1/32" (0.8 mm)	16 (235.2)	1.25"	100 M
1402000420X	1/4" (6.35 mm)	1/32" (0.8 mm)	16 (235.2)	1.25"	200 M
1402000450X	1/4" (6.35 mm)	1/32" (0.8 mm)	16 (235.2)	1.25"	500 M
1402004810X	8.00 mm	1.00 mm	16 (235.2)	40 mm	100 M
1402004820X	8.00 mm	1.00 mm	16 (235.2)	40 mm	200 M
1402004850X	8.00 mm	1.00 mm	16 (235.2)	40 mm	500 M
1402000510X	5/16" (8.00 mm)	0.039" (1.00 mm)	16 (235.2)	1.6"	100 M
1402000520X	5/16" (8.00 mm)	0.039" (1.00 mm)	16 (235.2)	1.6"	200 M
1402000550X	5/16" (8.00 mm)	0.039" (1.00 mm)	16 (235.2)	1.6"	500 M

The recommended maximum working pressure at 20<sup>0</sup> is 16 Bar (235.2 PSI): Class (rank) 16

Recommended nominal working pressure for HDPE



### HDPE COLOR CODING:

HDPE tubes: X stands for the color of the tube.

1	White
2	Black
6	Red
7	Green
8	Blue
9	Yellow

### → HDPE PN-24



CAT. NO.	O.D	W.T.	Nominal Pressure Bar (PSI)	Min Band Radius	Packing
14010046102	6.00 mm	0.8 mm	24 (353)	30 mm	100 M
14010046202	6.00 mm	0.8 mm	24 (353)	30 mm	200 M
14010046502	6.00 mm	0.8 mm	24 (353)	30 mm	500 M
14010004102	1/4" (6.35 mm)	0.035" (0.9 mm)	24 (353)	1.25"	100 M
14010004202	1/4" (6.35 mm)	0.035" (0.9 mm)	24 (353)	1.25"	200 M
14010004502	1/4" (6.35 mm)	0.035" (0.9 mm)	24 (353)	1.25"	500 M
14010048102	8.00 mm	1.00 mm	24 (353)	40 mm	100 M
14010048202	8.00 mm	1.00 mm	24 (353)	40 mm	200 M
14010048502	8.00 mm	1.00 mm	24 (353)	40 mm	500 M
14010005102	5/16" (8.00 mm)	0.039" (1.00 mm)	24 (353)	1.6"	100 M
14010005202	5/16" (8.00 mm)	0.039" (1.00 mm)	24 (353)	1.6"	200 M
14010005502	5/16" (8.00 mm)	0.039" (1.00 mm)	24 (353)	1.6"	500 M

The recommended maximum working pressure at 20<sup>0</sup> is 24 Bar (353 PSI): Class (rank) 24

## → PVC

### → PLASTICIZED PVC TUBES



Standard PVC tubes are black  
Also available in transparent  
or brown

2
0
3

CAT. NO.	O.D	I.D	Roll Length
1407000510X	5 mm	3 mm	100 m
1407000520X	5 mm	3 mm	200 m
1407000525X	5 mm	3 mm	250 m
1407000550X	5 mm	3 mm	500 m
1407000505X	5 mm	3 mm	50 m
1407006510X	6.5 mm	4 mm	100 m
1407006520X	6.5 mm	4 mm	200 m
1407000710X	7 mm	4 mm	100 m
1407000720X	7 mm	4 mm	200 m
1407000725X	7 mm	4 mm	250 m
1407000750X	7 mm	4 mm	500 m
1407464905X	9 mm	6 mm	50 m
1407001020X	10 mm	7 mm	100 m
1407001220X	12 mm	7 mm	100 m
1407001310X	13 mm	9 mm	100 m
1407001610X	16 mm	11 mm	100 m

→ **Air Blow Gun**  
with a general purpose nozzle



1/4" female cat No. 22200004022  
11/16" male cat No. 22200011052

→ **Air Blow Gun**  
with an osha regulation safety nozzle



1/4" female cat No. 22200004012  
11/16" male cat No. 22200011082

→ **Air Blow Gun**  
with an air screen nozzle to deflect  
flying chips away from operator



1/4" female cat No. 22200004032  
11/16" male cat No. 22200011062

→ **Air Blow Gun Mark II**



cat No. 22240000060 with 6 mm nozzle  
cat No. 22240000080 with 8 mm nozzle  
available only with minimum order

→ **Air Blow Gun**  
with a restriction nozzle to regulate  
output air volume



1/4" female cat No. 22200004042  
11/16" male cat No. 22200011072

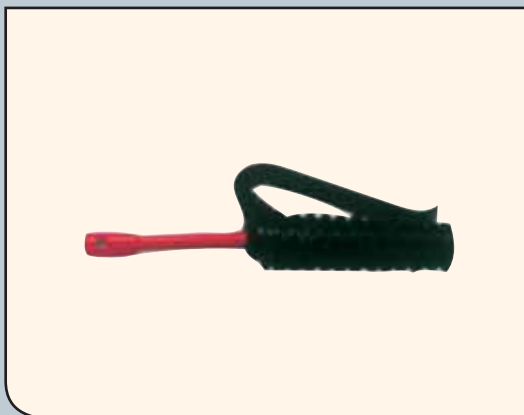
→ **Air Blow Gun Mark III**



cat No. 22230000000



## → Mini Air Blow Gun



cat No. 22190000012 with on osha regulation safety nozzle  
cat No. 22190000002

## → 8 mm Nylon Retractable Coil



cat No. 24050505058-5 feet  
cat No. 24050505108-10 feet  
cat No. 24050505158-15 feet

## → Spray Gun



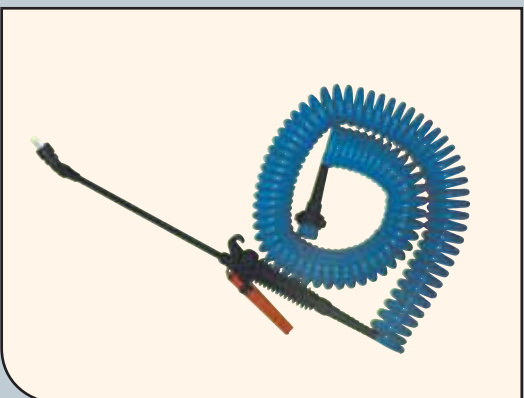
1/4" female cat No. 22210004002  
11/16" male cat No. 22210011003

## → Short Spray Gun



1/4" female cat No. 22210004004 IODINE

## → Fine Spray



Female end connector  
3/4" cat No. 22210512488  
1/2" cat No. 22210508488

→ OD-Outer diameter → SW-Standard Wrench  
→ ID-Inner diameter → R-Radius





## → FAN SPRAY NOZZLES



CAT. NO.	Marking	Angle	Color	Lit/Min Bar 2	Lit/Min Bar 3	Lit/Min Bar 4	Lit/Min Bar 6
12210110057	110 005	110°	Green	0.296	0.362	0.417	0.513
12210110209	110 02	110°	Yellow	1.20	1.45	1.70	2.00
12210110255	110 025	110°	White	0.623	0.780	0.899	1.106
12210110308	110 03	110°	Blue	1.167	1.432	1.649	2.039
12210110406	110 04	110°	Red	1.434	1.760	2.032	2.501
12210110503	110 05	110°	Dark Red	1.627	2.027	2.350	2.893
12210165051	65 005	65°	White	0.38	0.47	0.53	0.66
12210165052	65 005	65°	Black	0.38	0.47	0.53	0.66

## → CONICAL SPRAY NOZZLE



CAT. NO.	Marking	Angle	Color	Lit/Min Bar 2	Lit/Min Bar 3	Lit/Min Bar 4	Lit/Min Bar 6
22210011055	1 105	105°	White	0.058	0.068	0.078	0.098
22210011057	1 105	105°	Green	0.058	0.068	0.078	0.098
22210016502	1 65	65°	Grey	0.061	0.074	0.084	0.098
22210018001	1 80	80°	White	0.063	0.078	0.092	0.117
22210018002	1 80	80°	Black	0.063	0.078	0.092	0.117
22210018011	1 80F	80°	White	0.035	0.042	0.049	0.059
22210018012	1 80F	80°	Black	0.035	0.042	0.049	0.059
22210028006	3 80	80°	Red	0.350	0.430	0.520	0.630

## → CONICAL SPRAY NOZZLE 1/8" NPT

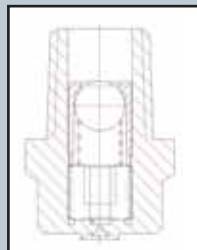


CAT. NO.	Marking	Angle	Color	Lit/Min Bar 2	Lit/Min Bar 3	Lit/Min Bar 4	Lit/Min Bar 6
22210211055	21 105	105°	White	0.063	0.075	0.086	0.108
22210218008	21 80	80°	Blue	0.060	0.070	0.080	0.093
22210078001	07 80	80°	White	0.043	0.053	0.060	0.069
22210078002	07 80	80°	Black	0.043	0.053	0.060	0.069
22210078003	07 80	80°	Grey	0.043	0.053	0.060	0.069
22210221202	22 120	120°	Black	0.108	0.132	0.152	0.190
22210078006	07 80F	80°	Red	0.038	0.047	0.054	0.064
22210078011	07 80F	80°	White	0.038	0.047	0.054	0.064
22210078012	07 80F	80°	Black	0.038	0.047	0.054	0.064

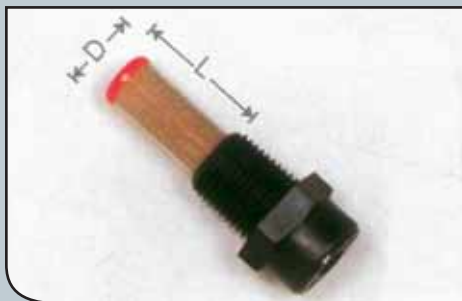
## → NON DROP CONICAL SPRAY NOZZLES 1/8" NPT



CAT. NO.	Marking	Angle	Color	Lit/Min Bar 3	Lit/Min Bar 4	Lit/Min Bar 6
22211211052	21 105	105°	Black	0.072	0.084	0.106
22211211055	21 105	105°	White	0.072	0.084	0.106
22211218008	21 80	80°	Blue	0.092	0.074	0.06
22211078001	07 80	80°	White	0.046	0.053	0.069
22211078002	07 80	80°	Black	0.046	0.053	0.069
22211078003	07 80	80°	Grey	0.046	0.053	0.069
22211221202	22 120	120°	Black	0.120	0.142	0.182
22211078006	07 80F	80°	Red	0.040	0.048	0.062
22211078011	07 80F	80°	White	0.040	0.048	0.062
22211078012	07 80F	80°	Black	0.040	0.048	0.062



## → CONICAL SPRAY NOZZLE 1/8" NPT WITH FILTER



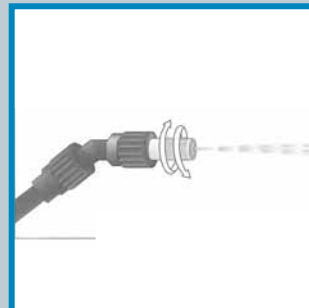
CAT. NO.	Marking	Angle	Color	Lit/Min Bar 2	Lit/Min Bar 3	Lit/Min Bar 4	Lit/Min Bar 6	D	L
22219211055	21 105	105°	Orange	0.060	0.070	0.080	0.093	7	15
22219218008	21 80	80°	Blue	0.060	0.070	0.080	0.093	7	15
22219078001	04 80	80°	White	0.041	0.050	0.057	0.066	7	15
22219078002	04 80	80°	Black	0.041	0.050	0.057	0.066	7	15
22219078002	07 80	80°	Grey	0.043	0.053	0.060	0.069	7	15
22219221202	22 120	120°	Black	0.103	0.124	0.149	0.171	7	15
22219078006	07 80F	80°	Red	0.040	0.046	0.053	0.061	7	15

The filter is available also in 8 mm length (L)

## → ADJUSTABLE NOZZLE



CAT. NO. 22214200001

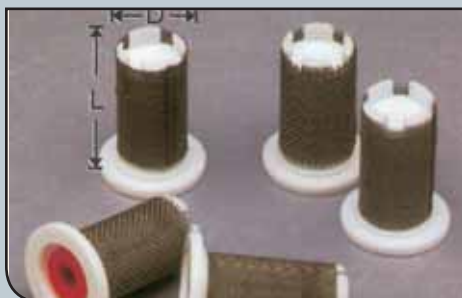


## → NOZZLE FILTERS



CAT. NO.	Mesh	Dmm	SW mm
22212791150	50	10.5	21
22212791100	100	10.5	21
22212791220	200	10.5	21

## → NON DROP NOZZLE FILTERS



CAT. NO.	Mesh	Dmm	SW mm
22212791050	50	10.5	21
22212791000	100	10.5	21
22212791200	200	10.5	21

## → NUT 11/16" FOR NOZZLE



Also available in white and green

CAT. NO.	R1
32272900082	11/16" NC

## → 1/4" FEMALE STRAIGHT NOZZLE HOLDER



Also available in white

CAT. NO.	R1	R2
32210300042	11/16" NC	1/4" NPT

## → 1/4" MALE STRAIGHT NOZZLE HOLDER



Also available in white

CAT. NO.	R1	R2
32212200042	11/16" NC	1/4" NPT

## → 1/4" FEMALE 135° NOZZLE HOLDER



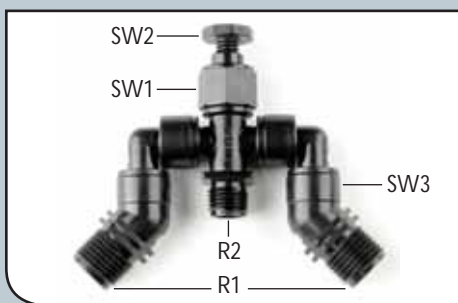
CAT. NO.	R1	R2
32210000040	11/16" NC	1/4" NPT

## → PUSH-IN FITTING ADAPTOR FOR 1/8" NOZZLES



CAT. NO.	STEM D	INNER THREAD
22211502061	3/8"	1/8" NPT
22211502062	3/8"	1/8" NPT

## → MISTING UNIT MARK 1



CAT. NO.	R1	R2	SW1	SW2	SW 3	COLOR
22272900101	11/16" NC	1/4" NPT	17.5	16	17.5	White
22272900102	11/16" NC	1/4" NPT	17.5	16	17.5	Black
22272900107	11/16" NC	1/4" NPT	17.5	16	17.5	Green

## → FINGER FILTER



CAT. NO.	MESH	DIAMETER	LENGTH	I.D.	O.D.
22212002028	100	7 mm	28 mm	1/8" BSPT	1/8" BSPT

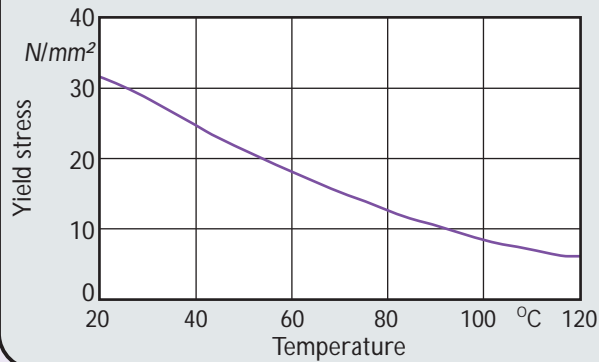
## → FINGER FILTER



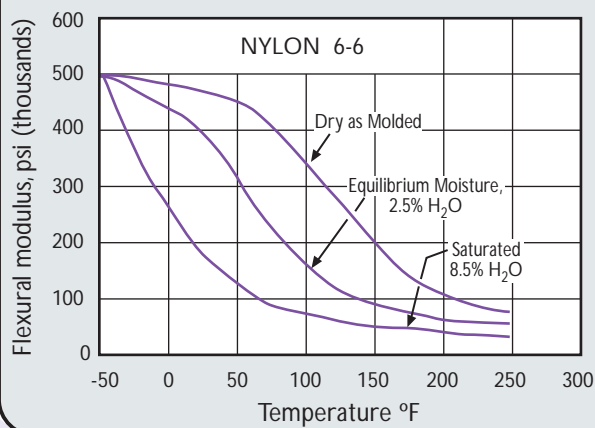
CAT. NO.	MESH	DIAMETER	LENGTH	I.D.	O.D.
22212791002	100	3/8"	1 7/8"	1/8" Npt	1/4" Npt

## → → → P R O P E R T I E S

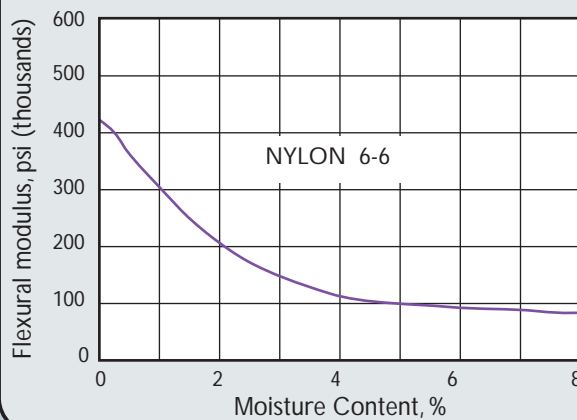
Yield stress of PP  
as a function of temperature



Flexural modulus VS. temperature



Flexural modulus VS.  
moisture content at 73°F



### Please Note:

Tefen, is constantly seeking ways to improve the specifications of its products. Whilst every effort is made to produce up-to-date literature, this brochure should not be regarded as an infallible guide to current specifications, nor does it constitute an offer for the sale of any particular product. Prospective purchasers of the products from Tefen should satisfy themselves at the time they place the order as to the suitability of the products for the particular application. We have the right to alter specification without prior notice.





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Owned by Kibbutz Nahsholim in Israel, Tefen Advanced Plastic Solutions has nearly 40 years experience in producing advanced plastics products. These comprise two main groups: Fittings for the pneumatic, automation and irrigation industries; and MixRite Proportioning Dosing Injectors for industrial, agricultural and livestock applications. We also manufacture a range of products for horticulture.

Our Research & Development department follows the latest innovations in plastics technology, ensuring that customers benefit from quick and sound solutions. In recent years the focus has been on proportioning dosing: developing the MixRite range of injectors to inject functional additives into liquid medium system using a uniform repeating method.

These innovations, bringing significant advances to a wide range of industries, have helped us to export 70% of our production to customers located all over the world. They rely on the Tefen name for advanced and highly reliable products, backed by unmatched customer service. The Tefen plant is certified for ISO 9001:2000 and we meet all international standards.

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