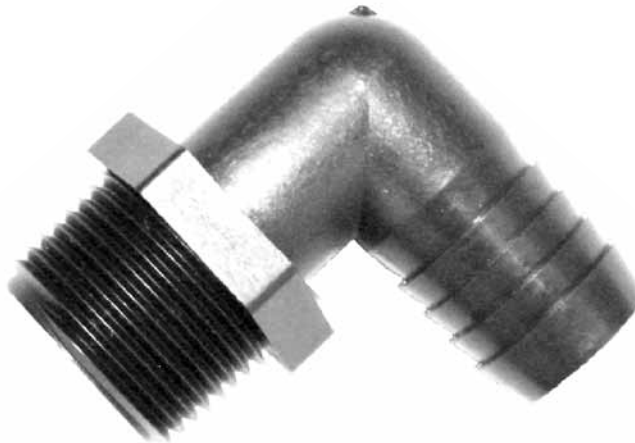




**Olsen Tool & Plastics, Inc.**

**Pipe, Hose, & Nozzle Fittings Catalog - January 2012** (Rev. A)



*Plastic Injection Molding At Its Best*



### **Ordering Information**

**Olsen Tool & Plastics (OTP) accepts orders via:**

**Phone:** (800) 633-3460

**Fax:** (952) 448-1679

**E-mail:** info@olsentool.com

Once an order is received, you will receive a fax confirming the purchase order and expected delivery. The standard lead-time for items not in stock ranges from 2-6 weeks.

### **Minimum Order Requirements**

All orders must be purchased in box quantities. (Call for details.) For blanket orders, OTP has a minimum order release which must equal one full box of parts. If this minimum order quantity cannot be met, contact our Fittings Sales Department for current distributors that can handle your purchase. International orders (excluding Canada) have a minimum order quantity of 10,000 pieces of each part and the entire order must equal at least \$2,000 US dollars. There are no returns allowed for international orders. Stock items usually ship within 48 hours of receiving the order.

### **Terms**

All "open" accounts are subject to the following payment terms:

- NET 30 days
- 1% discount for 10 days

To establish an "open" account, please complete a credit application which will need approval by our credit department prior to shipment. Orders made prior to credit application approval require prepayment. OTP does not accept credit cards.

### **Freight**

All orders are shipped F.O.B. Factory; Chaska, MN. UPS shipments are shipped prepaid with charges added to invoices unless otherwise specified. All truck shipments are shipped freight collect.

### **Returns**

Returns for credit must be received within 30 days from the date of shipment. A credit authorization number for all returns will be required from our Customer Service Department. All returns must be returned freight prepaid. A 50% restocking charge is assessed on all returns. No returns are allowed on non-stock specialty parts.

### **Shortages, Losses and Claims**

Claims must be made within 15 days from receipt of shipment. Care is taken that all products leave our warehouse in good condition. For any damage or loss, please file a claim with the delivering carrier.

### **Guarantee**

Olsen Tool & Plastics, Inc. does not warrant the suitability of any raw material or any fitting for any specific purpose or application. As the customer, you are responsible for performing any testing necessary to verify the material and part meet the requirements for your specific application. Material Specification Data Sheets are available upon request.

OTP guarantees all products to be as represented in our catalog. OTP will replace or make satisfactory adjustment if found otherwise. This guarantee will not apply to any product that has been subjected to abuse, negligence, accident, misapplication or altered while in the customer's care.



**Material Data**

**Nylon** fittings are generally acceptable for working pressures up to 150 PSI at normal room temperatures. At very low pressures, temperatures can approach 175 degrees F with no degradation of the fittings strength.

OTP manufactures their nylon fittings exclusively from high quality type 6 resins. Nylon has good resistance to a fairly broad range of chemicals including most agricultural chemicals, ammonium compounds, detergents, diesel fuel, ethanol, gasoline, hexane, magnesium sulfate, most sodium compounds, trichloroethylene, and zinc sulfate.

Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, fluorine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulfuric acid or xylene. OTP fittings are not intended for use with compressed gases. RoHS compliant.

**Polypropylene** fittings are generally acceptable for working pressures up to 150 PSI at normal room temperatures. At higher temperatures the recommended working pressure decreases. For example, at 140 degrees F, the maximum recommended working pressure is 90 PSI.

OTP uses 10% glass polypropylene resin for their fittings. We can provide information regarding polypropylene's resistance to a wide range of chemicals including agricultural chemicals, acid-based fertilizers, ammonium compounds, calcium carbonate, DDT, ethanol, hydrochloric acid, magnesium sulfate, oxalic acid, propionic acid, phosphoric acid and sodium compounds.

Polypropylene should not be used with aromatic hydrocarbons, carbon tetrachloride, gasoline, hexane, kerosene, nitric acid, sodium hypochlorite, toluene, trichloro-ethylene or xylene. OTP fittings are not intended for use with compressed gases. RoHS compliant.

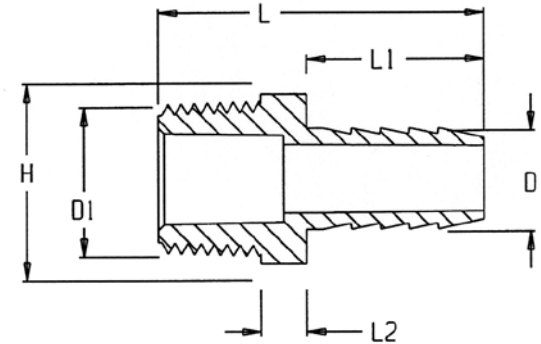
OTP **does not** warrant the appropriateness of any raw material or the use of any fitting for any specific purpose or application. As the customer, you are responsible for testing to verify the material and part meet the requirement for your specific application. Material Specification Data Sheets are available upon request.



Pipe Fittings



Adapter, Male Pipe Thread to Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
A18316	1000	3-A18316	1000	3/16"	1/8-27 NPT	5/8" HEX	1-11/16"	61/64"	1/4"
A1814	1900	3-A1814	900	1/4"	1/8-27 NPT	5/8" HEX	1-11/16"	61/64"	1/4"
A18516	800	3-A18516	1000	5/16"	1/8-27 NPT	5/8" HEX	1-11/16"	61/64"	1/4"
A1838	1600	3-A1838	800	3/8"	1/8-27 NPT	5/8" HEX	1-11/16"	61/64"	1/4"
A14316	1800	3-A14316	1000	3/16"	1/4-18 NPT	5/8" HEX	1-45/64"	61/64"	1/4"
A14	3600	3-A14	3500	1/4"	1/4-18 NPT	5/8" HEX	1-45/64"	61/64"	1/4"
A14516	1000	3-A14516	1000	5/16"	1/4-18 NPT	5/8" HEX	1-45/64"	61/64"	1/4"
A1438	2900	3-A1438	3000	3/8"	1/4-18 NPT	5/8" HEX	1-45/64"	61/64"	1/4"
A1412	2500	3-A1412	2500	1/2"	1/4-18 NPT	5/8" HEX	1-45/64"	61/64"	1/4"
A3814	2500	3-A3814	1100	1/4"	3/8-18 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A38516	1000	3-A38516	1000	5/16"	3/8-18 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A38	2200	3-A38	2000	3/8"	3/8-18 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A3812	1800	3-A3812	1800	1/2"	3/8-18 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A3858	1400	3-A3858	650	5/8"	3/8-18 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A1214	1600	3-A1214	750	1/4"	1/2-14 NPT	15/16" HEX	1-49/64"	61/64"	1/4"
A1238	1500	3-A1238	1500	3/8"	1/2-14 NPT	15/16" HEX	1-49/64"	61/64"	1/4"



Pipe Fittings

Adapter, Male Pipe Thread to Hose Barb (continued)

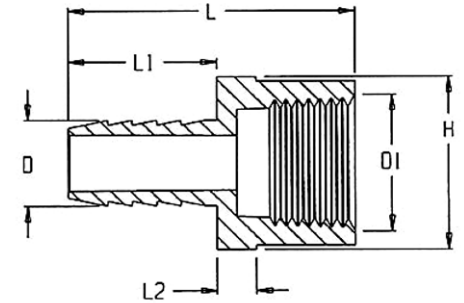
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
A12	1300	3-A12	2700	1/2"	1/2-14 NPT	15/16" HEX	1-49/64"	61/64"	1/4"
A1258	1200	3-A1258	1200	5/8"	1/2-14 NPT	15/16" HEX	1-49/64"	61/64"	1/4"
A1234	2100	3-A1234	1000	3/4"	1/2-14 NPT	15/16" HEX	1-49/64"	61/64"	1/4"
A12100	1000	3-A12100	1000	1"	1/2-14 NPT	1-1/8" HEX	1-15/16"	1-1/8"	1/4"
A3414	250	3-A3414	1000	1/4"	3/4-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A3438	2000	3-A3438	2000	3/8"	3/4-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A3412	1900	3-A3412	1800	1/2"	3/4-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A3458	1700	3-A3458	1700	5/8"	3/4-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A34	1500	3-A34	1500	3/4"	3/4-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A34100	1200	3-A34100	1100	1"	3/4-14 NPT	1-1/8" HEX	1-31/32"	1-9/64"	1/4"
A10014	1000	3-A10014	1000	1/4"	1-11 1/2 NPT	1-5/16" HEX	1-55/64"	15/16"	1/4"
A10038	1000	3-A10038	1000	3/8"	1-11 1/2 NPT	1-5/16" HEX	1-55/64"	15/16"	1/4"
A10012	300	3-A10012	1000	1/2"	1-11 1/2 NPT	1-5/16" HEX	1-55/64"	15/16"	1/4"
A10058	1000	3-A10058	1000	5/8"	1-11 1/2 NPT	1-5/16" HEX	1-55/64"	15/16"	1/4"
A10034	1000	3-A10034	1000	3/4"	1-11 1/2 NPT	1-5/16" HEX	1-55/64"	15/16"	1/4"
A100	900	3-A100	900	1"	1-11 1/2 NPT	1-5/16" HEX	2-1/16"	1-9/64"	1/4"
A100114	750	3-A100114	700	1 1/4"	1-11 1/2 NPT	1-5/16" HEX	2-21/64"	1-25/64"	1/4"
A11434	275	3-A11434	275	3/4"	1 1/4 - 11 1/2 NPT	1-3/4" HEX	2-35/64"	1-3/8"	1/4"
A114100	550	3-A114100	550	1"	1 1/4 - 11 1/2 NPT	1-11/16" HEX	2-15/16"	1-1/8"	9/32"
A114	400	3-A114	400	1 1/4"	1 1/4 - 11 1/2 NPT	1-11/16" HEX	2-25/32"	1-25/64"	9/32"
A114112	330	3-A114112	320	1 1/2"	1 1/4 - 11 1/2 NPT	2" HEX	2-43/64"	1-7/16"	5/16"
A112114	350	3-A112114	350	1 1/4"	1 1/2 - 11 1/2 NPT	2" HEX	2-9/16"	1-3/8"	5/16"
A112	300	3-A112	300	1 1/2"	1 1/2 - 11 1/2 NPT	2" HEX	2-45/64"	1-3/8"	5/16"
A200	140	3-A200	140	2"	2-11 1/2 NPT	2-1/8" OCTAGON	4-15/64"	2-1/2"	5/8"



Pipe Fittings



Adapter, Female Pipe Thread to Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLY-PROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
A1814F	1000	3-A1814F	1000	1/4"	1/8-27 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A1838F	1000	3-A1838F	1000	3/8"	1/8-27 NPT	3/4" HEX	1-49/64"	61/64"	1/4"
A14F	1000	3-A14F	400	1/4"	1/4-18 NPT	7/8" HEX	1-49/64"	61/64"	1/4"
A1438F	1700	3-A1438F	800	3/8"	1/4-18 NPT	7/8" HEX	1-49/64"	61/64"	1/4"
A1412F	1000	3-A1412F	1000	1/2"	1/4-18 NPT	7/8" HEX	1-49/64"	61/64"	1/4"
A1458F	1000	3-A1458F	1000	5/8"	1/4-18 NPT	7/8" HEX	1-49/64"	61/64"	1/4"
A3814F	1000	3-A3814F	1000	1/4"	3/8-18 NPT	1" HEX	1-53/64"	61/64"	1/4"
A38F	300	3-A38F	300	3/8"	3/8-18 NPT	1" HEX	1-53/64"	61/64"	1/4"
A3812F	1000	3-A3812F	1100	1/2"	3/8-18 NPT	1" HEX	1-53/64"	61/64"	1/4"
A3858F	1000	3-A3858F	1000	5/8"	3/8-18 NPT	1" HEX	1-53/64"	61/64"	1/4"
A3834F	1000	3-A3834F	1000	3/4"	3/8-18 NPT	1" HEX	1-53/64"	61/64"	1/4"
A1214F	1000	3-A1214F	500	1/4"	1/2-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A1238F	500	3-A1238F	450	3/8"	1/2-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A12F	950	3-A12F	900	1/2"	1/2-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A1258F	400	3-A1258F	1000	5/8"	1/2-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"
A1234F	400	3-A1234F	700	3/4"	1/2-14 NPT	1-1/8" HEX	1-53/64"	61/64"	1/4"



Pipe Fittings

Adapter, Female Pipe Thread to Hose Barb (continued)

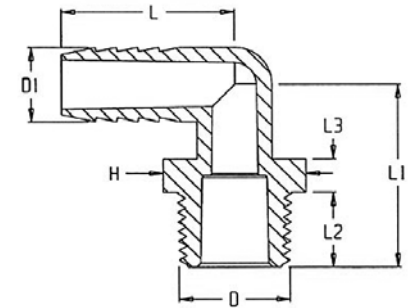
NATURAL NYLON	PARTS PER BOX	BLACK POLY-PROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
A3414F	1000	3-A3414F	550	1/4"	3/4-14 NPT	1-3/8" HEX	2-5/64"	61/64"	1/4"
A3438F	1000	3-A3438F	1000	3/8"	3/4-14 NPT	1-3/8" HEX	2-5/64"	61/64"	1/4"
A3412F	1000	3-A3412F	500	1/2"	3/4-14 NPT	1-3/8" HEX	2-5/64"	61/64"	1/4"
A3458F	125	3-A3458F	1000	5/8"	3/4-14 NPT	1-3/8" HEX	2-5/64"	61/64"	1/4"
A34F	900	3-A34F	475	3/4"	3/4-14 NPT	1-3/8" HEX	2-5/64"	61/64"	1/4"



Pipe Fittings



Elbow Adapter, Male Pipe Thread to Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2	L3
EL1814	1500	3-EL1814	1300	1/8-27 NPT	1/4"	5/8" HEX	1-11/64"	1-9/32"	15/32"	1/4"
EL1838	500	3-EL1838	1000	1/8-27 NPT	3/8"	5/8" HEX	1-7/32"	1-9/32"	15/32"	1/4"
EL14316	1000	3-EL14316	1000	1/4-18 NPT	3/16"	5/8" HEX	1-1/8"	1-5/16"	1/2"	1/4"
EL14	2500	3-EL14	2600	1/4-18 NPT	1/4"	5/8" HEX	1-11/64"	1-5/16"	1/2"	1/4"
EL14516	1200	3-EL14516	1000	1/4-18 NPT	5/16"	5/8" HEX	1-3/16"	1-5/16"	1/2"	1/4"
EL1438	2000	3-EL1438	2000	1/4-18 NPT	3/8"	5/8" HEX	1-7/32"	1-5/16"	1/2"	1/4"
EL1412	1600	3-EL1412	1500	1/4-18 NPT	1/2"	5/8" HEX	1-9/32"	1-5/16"	1/2"	1/4"
EL3814	1800	3-EL3814	400	3/8-18 NPT	1/4"	3/4" HEX	1-11/64"	1-3/8"	9/16"	1/4"
EL38516	1000	3-EL38516	400	3/8-18 NPT	5/16"	3/4" HEX	1-3/16"	1-3/8"	9/16"	1/4"
EL38	1500	3-EL38	1500	3/8-18 NPT	3/8"	3/4" HEX	1-7/32"	1-3/8"	9/16"	1/4"
EL3812	1300	3-EL3812	2400	3/8-18 NPT	1/2"	3/4" HEX	1-9/32"	1-3/8"	9/16"	1/4"
EL3858	1000	3-EL3858	400	3/8-18 NPT	5/8"	3/4" HEX	1-11/32"	1-3/8"	9/16"	1/4"
EL1214	1400	3-EL1214	600	1/2-14 NPT	1/4"	15/16" HEX	1-11/64"	1-3/8"	9/16"	1/4"
EL1238	1200	3-EL1238	1100	1/2-14 NPT	3/8"	15/16" HEX	1-7/32"	1-3/8"	9/16"	1/4"
EL12	1000	3-EL12	1900	1/2-14 NPT	1/2"	15/16" HEX	1-9/32"	1-3/8"	9/16"	1/4"
EL1258	750	3-EL1258	700	1/2-14 NPT	5/8"	15/16" HEX	1-11/32"	1-9/16"	9/16"	1/4"
EL1234	1300	3-EL1234	600	1/2-14 NPT	3/4"	15/16" HEX	1-13/32"	1-9/16"	9/16"	1/4"



Pipe Fittings

Elbow Adapter, Male Pipe Thread to Hose Barb (continued)

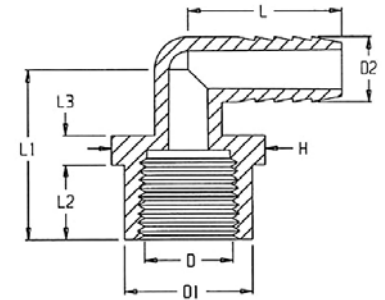
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2	L3
EL3414	450	3-EL3414	450	3/4-14 NPT	1/4"	1-1/8" HEX	1-11/64"	1-7/16"	5/8"	1/4"
EL3438	400	3-EL3438	1700	3/4-14 NPT	3/8"	1-1/8" HEX	1-7/32"	1-7/16"	5/8"	1/4"
EL3412	1500	3-EL3412	1400	3/4-14 NPT	1/2"	1-1/8" HEX	1-9/32"	1-7/16"	5/8"	1/4"
EL3458	1200	3-EL3458	1100	3/4-14 NPT	5/8"	1-1/8" HEX	1-11/32"	1-5/8"	5/8"	1/4"
EL34	1000	3-EL34	1000	3/4-14 NPT	3/4"	1-1/8" HEX	1-13/32"	1-5/8"	5/8"	1/4"
EL34100	750	3-EL34100	700	3/4-14 NPT	1"	1-1/8" HEX	1-11/16"	1-5/8"	5/8"	1/4"
EL10012	1000	3-EL10012	1000	1-11.5 NPT	1/2"	1-3/8" HEX	1-13/32"	1-11/16"	11/16"	1/4"
EL10058	1000	3-EL10058	1000	1-11.5 NPT	5/8"	1-3/8" HEX	1-13/32"	1-11/16"	11/16"	1/4"
EL10034	800	3-EL10034	350	1-11.5 NPT	3/4"	1-3/8" HEX	1-13/32"	1-11/16"	11/16"	1/4"
EL100	600	3-EL100	550	1-11.5 NPT	1"	1-3/8" HEX	1-11/16"	1-11/16"	11/16"	1/4"
EL114100	100	3-EL114100	100	1 1/4-11 1/2 NPT	1"	1-3/4" FLAT	2-29/64"	2-25/64"	1-5/64"	1/4"
EL114	100	3-EL114	100	1 1/4-11 1/2 NPT	1-1/4"	1-3/4" FLAT	2-31/64"	2-27/64"	1-5/64"	1/4"
EL112	100	3-EL112	100	1 1/2-11 1/2 NPT	1-1/2"	2" HEX	2-37/64"	2-49/64"	1-5/64"	3/8"
EL200	100	3-EL200	100	2-11 1/2 NPT	2"	2-3/8" HEX	2-15/16"	3-1/64"	3-1/64"	3/8"



Pipe Fittings



Elbow Adapter, Female Pipe Thread to Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2	L3
EL18316F	1000	3-EL18316F	1000	1/8-27 NPT	5/8"	3/16"	3/4" HEX	1-5/32"	1-3/8"	9/16"	1/4"
EL1814F	400	3-EL1814F	400	1/8-27 NPT	5/8"	1/4"	3/4" HEX	1-5/32"	1-3/8"	9/16"	1/4"
EL1838F	1000	3-EL1838F	1000	1/8-27 NPT	5/8"	3/8"	3/4" HEX	1-7/32"	1-3/8"	9/16"	1/4"
EL14316F	1000	3-EL14316F	1000	1/4-18 NPT	3/4"	3/16"	7/8" HEX	1-5/32"	1-3/8"	9/16"	1/4"
EL14F	300	3-EL14F	300	1/4-18 NPT	3/4"	1/4"	7/8" HEX	1-5/32"	1-3/8"	9/16"	1/4"
EL1438F	500	3-EL1438F	250	1/4-18 NPT	3/4"	3/8"	7/8" HEX	1-7/32"	1-3/8"	9/16"	1/4"
EL3814F	1000	3-EL3814F	1000	3/8-18 NPT	7/8"	1/4"	1" HEX	1-5/32"	1-7/16"	5/8"	1/4"
EL38F	1000	3-EL38F	250	3/8-18 NPT	7/8"	3/8"	1" HEX	1-7/32"	1-7/16"	5/8"	1/4"
EL3812F	1000	3-EL3812F	800	3/8-18 NPT	7/8"	1/2"	1" HEX	1-9/32"	1-7/16"	5/8"	1/4"
EL1214F	1000	3-EL1214F	1000	1/2-14 NPT	1-1/16"	1/4"	1-1/8" HEX	1-5/32"	1-7/16"	5/8"	1/4"
EL1238F	1000	3-EL1238F	1000	1/2-14 NPT	1-1/16"	3/8"	1-1/8" HEX	1-7/32"	1-7/16"	5/8"	1/4"
EL12F	700	3-EL12F	1400	1/2-14 NPT	1-1/16"	1/2"	1-1/8" HEX	1-9/32"	1-7/16"	5/8"	1/4"
EL1258F	550	3-EL1258F	500	1/2-14 NPT	1-1/16"	5/8"	1-1/8" HEX	1-11/32"	1-5/8"	5/8"	1/4"
EL1234F	1000	3-EL1234F	400	1/2-14 NPT	1-1/16"	3/4"	1-1/8" HEX	1-13/32"	1-5/8"	5/8"	1/4"



Pipe Fittings

Elbow Adapter, Female Pipe Thread to Hose Barb (continued)

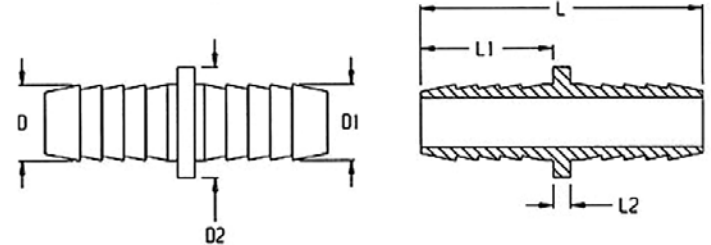
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2	L3
EL3438F	1000	3-EL3438F	1000	3/4-14 NPT	1-1/4"	3/8"	1-3/8 HEX	1-7/32"	1-11/16"	7/8"	1/4"
EL3412F	900	3-EL3412F	950	3/4-14 NPT	1-1/4"	1/2"	1-3/8 HEX	1-9/32"	1-11/16"	7/8"	1/4"
EL3458F	1000	3-EL3458F	1000	3/4-14 NPT	1-1/4"	5/8"	1-3/8 HEX	1-11/32"	1-7/8"	7/8"	1/4"
EL34F	700	3-EL34F	300	3/4-14 NPT	1-1/4"	3/4"	1-3/8 HEX	1-13/32"	1-7/8"	7/8"	1/4"



Pipe Fittings



Mender, Hose Barb to Hose Barb with Stopper



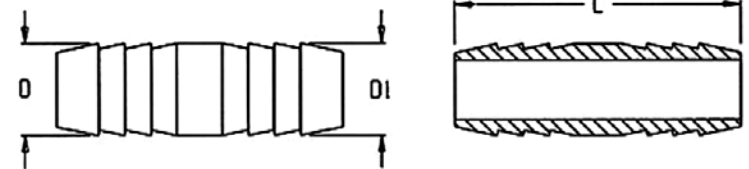
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2
SHM14	5100	3-SHM14	2500	1/4"	1/4"	1/2"	2-1/64"	61/64"	1/8"
SHM38	3000	3-SHM38	3000	3/8"	3/8"	5/8"	2-1/64"	61/64"	1/8"
SHM1238	2000	3-SHM1238	1900	1/2"	3/8"	13/16"	2-1/64"	61/64"	1/8"
SHM12	1800	3-SHM12	1700	1/2"	1/2"	13/16"	2-1/64"	61/64"	1/8"
SHM1258	1300	3-SHM1258	300	1/2"	5/8"	15/16"	2-1/64"	61/64"	1/8"
SHM58	1200	3-SHM58	1200	5/8"	5/8"	15/16"	2-1/64"	61/64"	1/8"
SHM34	1700	3-SHM34	1700	3/4"	3/4"	1-5/32"	2-1/64"	61/64"	1/8"
SHM100	950	3-SHM100	450	1"	1"	1-9/32"	2-25/64"	1-1/8"	1/8"
SHM114	450	3-SHM114	450	1 1/4"	1 1/4"	1-3/4"	3"	1-3/8"	1/4"
SHM112	275	3-SHM112	270	1 1/2"	1 1/2"	1-31/32"	3-17/32"	1-5/8"	5/16"
SHM200	130	3SHM200	130	2"	2"	2-7/32"	4-5/8"	2-13/64"	7/32"



Pipe Fittings



Mender, Hose Barb to Hose Barb



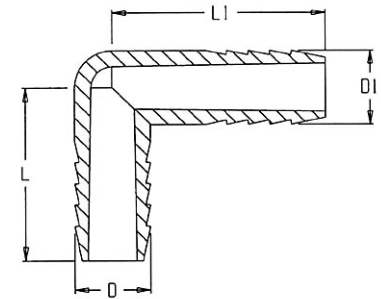
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L
HM14316	5000	3-HM14316	1000	1/4"	3/16"	1-23/32"
HM14	1500	3-HM14	1000	1/4"	1/4"	1-23/32"
HM3814	3200	3-HM3814	2800	3/8"	1/4"	1-23/32"
HM38516	1000	3-HM38516	1000	3/8"	5/16"	1-23/32"
HM38	1000	3-HM38	1000	3/8"	3/8"	1-23/32"
HM516	3200	3-HM516	1000	5/16"	5/16"	1-23/32"
HM1214	1300	3-HM1214	1000	1/2"	1/4"	1-23/32"
HM1238	1000	3-HM1238	1000	1/2"	3/8"	1-23/32"
HM12	1000	3-HM12	600	1/2"	1/2"	1-23/32"
HM5838	1000	3-HM5838	1000	5/8"	3/8"	1-23/32"
HM5812	1000	3-HM5812	1000	5/8"	1/2"	1-23/32"
HM58	1000	3-HM58	1000	5/8"	5/8"	1-23/32"



Pipe Fittings



Elbow Adapter, Hose Barb to Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1
EL14HB	2000	3-EL14HB	1900	1/4"	1/4"	1-5/32"	1-9/16"
EL38HB	2500	3-EL38HB	2400	3/8"	3/8"	1-7/32"	1-9/16"
EL12HB	1500	3-EL12HB	1500	1/2"	1/2"	1-9/32"	1-9/16"
EL58HB	1900	3-EL58HB	900	5/8"	5/8"	1-11/32"	1-3/4"
EL34HB	1400	3-EL34HB	1300	3/4"	3/4"	1-13/32"	1-3/4"
EL100HB	700	3-EL100HB	1000	1"	1"	1-7/8"	1-43/64"

Elbow Reducer, Hose Barb to Hose Barb

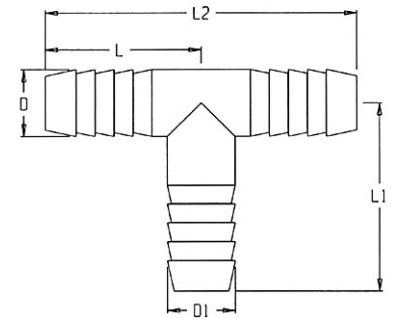
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1
EL3814HB	1500	3-EL3814HB	1500	1/4"	3/8"	1-5/32"	1-9/16"
EL1214HB	1200	3-EL1214HB	1000	1/4"	1/2"	1-11/34"	1-9/16"
EL1238HB	1000	3-EL1238HB	450	3/8"	1/2"	1-7/32"	1-9/16"
EL3458HB	1000	3-EL3458HB	1000	5/8"	3/4"	1-11/32"	1-3/4"



Pipe Fittings



Tee, Hose Barb to Hose Barbs



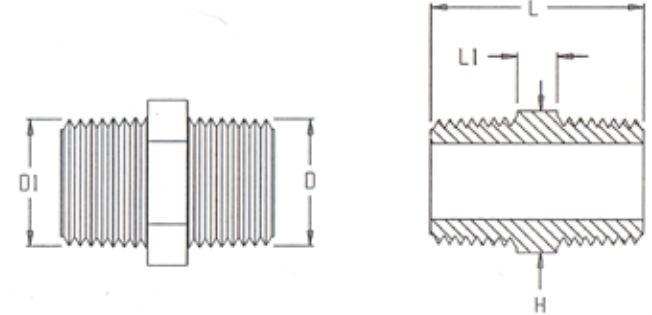
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1	L2
T14	2500	3-T14	1200	1/4"	1/4"	1-11/64"	1-9/16"	2-11/32"
T1438	1700	3-T1438	350	3/8"	1/4"	1-7/32"	1-9/16"	2-7/16"
T38	3200	3-T38	3000	3/8"	3/8"	1-7/32"	1-9/16"	2-7/16"
T3812	1000	3-T3812	500	1/2"	3/8"	1-9/32"	1-9/16"	2-9/16"
T3858	275	3-T3858	1000	5/8"	3/8"	1-23/64"	1-9/16"	2-23/32"
T1238	1300	3-T1238	300	3/8"	1/2"	1-7/32"	1-9/16"	2-7/16"
T12	2000	3-T12	2000	1/2"	1/2"	1-9/32"	1-9/16"	2-9/16"
T58	1300	3-T58	600	5/8"	5/8"	1-11/32"	1-3/4"	2-11/16"
T3412	175	3-T3412	175	1/2"	3/4"	1-9/32"	1-3/4"	2-9/16"
T34	900	3-T34	900	3/4"	3/4"	1-13/32"	1-3/4"	2-13/16"
T100	450	3-T100	450	1"	1"	1-11/16"	1-7/8"	3-3/8"
T114	100	3-T114	100	1-1/4"	1-1/4"	2-3/8"	2-11/32"	4-3/4"
T112	100	3-T112	100	1-1/2"	1-1/2"	2-39/64"	2-11/32"	5-7/32"
T200	65	3-T200	65	2"	2"	3-7/32"	3-7/32"	6-7/16"



Pipe Fittings



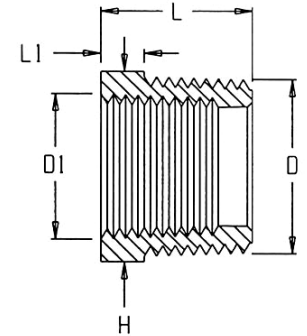
Nipple, Male Pipe Thread to Male Pipe Thread



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1
M18	1000	3-M18	1000	1/8-27 NPT	1/8-27 NPT	5/8" HEX	1-13/64"	1/4"
M1418	900	3-M1418	900	1/4-18 NPT	1/8-27 NPT	5/8" HEX	1-7/32"	1/4"
M14	1600	3-M14	1600	1/4-18 NPT	1/4-18 NPT	5/8" HEX	1-1/4"	1/4"
M3818	1000	3-M3818	1000	3/8-18 NPT	1/8-27 NPT	3/4" HEX	1-9/32"	1/4"
M3814	1100	3-M3814	550	3/8-18 NPT	1/4-18 NPT	3/4" HEX	1-21/34"	1/4"
M38	2100	3-M38	500	3/8-18 NPT	3/8-18 NPT	3/4" HEX	1-3/8"	1/4"
M1214	1600	3-M1214	750	1/2-14 NPT	1/4-18 NPT	15/16" HEX	1-5/16"	1/4"
M1238	1500	3-M1238	1400	1/2-14 NPT	3/8-18 NPT	15/16" HEX	1-3/8"	1/4"
M12	1300	3-M12	1300	1/2-14 NPT	1/2-14 NPT	15/16" HEX	1-3/8"	1/4"
M3438	1000	3-M3438	200	3/4-14 NPT	3/8-18 NPT	1-1/8" HEX	1-7/16"	1/4"
M3412	900	3-M3412	900	3/4-14 NPT	1/2-14 NPT	1-1/8" HEX	1-7/16"	1/4"
M34	1600	3-M34	1600	3/4-14 NPT	3/4-14 NPT	1-1/8" HEX	1-1/2"	1/4"
M100	750	3-M100	725	1 - 11 1/2 NPT	1 - 11 1/2 NPT	1-7/16" HEX	2-1/16"	1/4"
M114	465	3-M114	450	1 1/4 - 11 1/2 NPT	1 1/4 - 11 1/2 NPT	1-3/4" HEX	1-5/64"	9/32"
M112	200	3-M112	200	1 1/2 - 11 1/2 NPT	1 1/2 - 11 1/2 NPT	2" HEX	3-5/8"	5/16"
M200	135	3-M200	130	2 - 11 1/2 NPT	2 - 11 1/2 NPT	2-23/64" HEX	3-15/32"	9/32"



Pipe Fittings



Reducer Bushing, Male Pipe Thread to Female Pipe Thread

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1
RB1418	1000	3-RB1418	1000	1/4-18 NPT	1/8-27 NPT	5/8" HEX	3/8"	1/4"
RB3818	1000	3-RB3818	800	3/8-18 NPT	1/8-27 NPT	3/4" HEX	13/16"	1/4"
RB3814	1700	3-RB3814	1700	3/8-18 NPT	1/4-18 NPT	3/4" HEX	13/16"	1/4"
RB1218	1000	3-RB1218	500	1/2-14 NPT	1/8-27 NPT	15/16" HEX	13/16"	1/4"
RB1214	2400	3-RB1214	2200	1/2-14 NPT	1/4-18 NPT	15/16" HEX	13/16"	1/4"
RB1238	2400	3-RB1238	2200	1/2-14 NPT	3/8-18 NPT	15/16" HEX	13/16"	1/4"
RB3418	1000	3-RB3418	300	3/4-14 NPT	1/8-27 NPT	1-1/8" HEX	7/8"	1/4"
RB3414	1500	3-RB3414	1400	3/4-14 NPT	1/4-18 NPT	1-1/8" HEX	7/8"	1/4"
RB3438	1500	3-RB3438	700	3/4-14 NPT	3/8-18 NPT	1-1/8" HEX	7/8"	1/4"
RB3412	1500	3-RB3412	1400	3/4-14 NPT	1/2-14 NPT	1-1/8" HEX	7/8"	1/4"
RB10038	1000	3-RB10038	900	1 - 11 1/2 NPT	3/8-18 NPT	1-23/64" HEX	29/32"	1/4"
RB10012	400	3-RB10012	400	1 - 11 1/2 NPT	1/2-14 NPT	1-23/64" HEX	29/32"	1/4"
RB10034	900	3-RB10034	1700	1 - 11 1/2 NPT	3/4-14 NPT	1-23/64" HEX	29/32"	1/4"
RB11412	175	3-RB11412	175	1 1/4 - 11 1/2 NPT	1/2-14 NPT	1-11/16" HEX	1-1/8"	5/16"
RB11434	375	3-RB11434	375	1 1/4 - 11 1/2 NPT	3/4-14 NPT	1-11/16" HEX	1-1/8"	5/16"
RB114100	375	3-RB114100	375	1 1/4 - 11 1/2 NPT	1 - 11 1/2 NPT	1-11/16" HEX	1-1/8"	5/16"



Pipe Fittings

Reducer Bushing, Male Pipe Thread to Female Pipe Thread (continued)

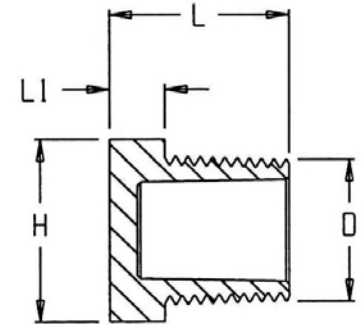
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1
RB11212	275	3-RB11212	275	1 1/2 - 11 1/2 NPT	1/2-14 NPT	2-1/32" HEX	1-5/32"	5/16"
RB11234	275	3-RB11234	275	1 1/2 - 11 1/2 NPT	3/4-14 NPT	2-1/32" HEX	1-5/32"	5/16"
RB112100	275	3-RB112100	275	1 1/2 - 11 1/2 NPT	1 - 11 1/2 NPT	2-1/32" HEX	1-5/32"	5/16"
RB112114	275	3-RB112114	275	1 1/2 - 11 1/2 NPT	1 1/4 - 11 1/2 NPT	2-1/32" HEX	1-5/32"	5/16"
RB20012	175	3-RB20012	175	2 - 11 1/2 NPT	1/2-14 NPT	2-15/32" HEX	1-3/16"	5/16"
RB20034	375	3-RB20034	375	2-11 1/2 NPT	3/4-14 NPT	2-15/32" HEX	1-3/16"	5/16"
RB200100	175	3-RB200100	175	2 - 11 1/2 NPT	1 - 11 1/2 NPT	2-15/32" HEX	1-3/16"	5/16"
RB200114	175	3-RB200114	175	2 - 11 1/2 NPT	1 1/4 - 11 1/2 NPT	2-15/32" HEX	1-3/16"	5/16"
RB200112	175	3-RB200112	175	2 - 11 1/2 NPT	1 1/2 - 11 1/2 NPT	2-15/32" HEX	1-3/16"	5/16"



Pipe Fittings



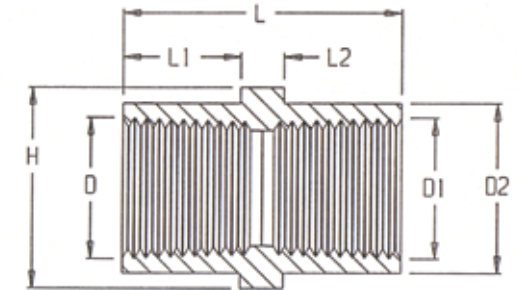
Pipe Plug, Hex Head



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	H	L	L1
F18	3200	3-F18	2500	1/8-27 NPT	5/8" HEX	23/32"	1/4"
F14	2800	3-F14	2500	1/4-18 NPT	5/8" HEX	3/4"	1/4"
F38	1700	3-F38	1600	3/8-18 NPT	3/4" HEX	13/16"	1/4"
F12	2300	3-F12	2300	1/2-14 NPT	15/16" HEX	13/16"	1/4"
F34	1400	3-F34	2700	3/4-14 NPT	1-1/8" HEX	7/8"	1/4"
F100	800	3-F100	1700	1 - 11 1/2 NPT	1-3/8" HEX	29/32"	1/4"
F114	800	3-F114	800	1 1/4 - 11 1/2 NPT	1-11/16" HEX	1-3/16"	5/16"
F112	600	3-F112	600	1 1/2 - 11 1/2 NPT	2 1/32" HEX	1-11/64"	5/16"
F200	200	3-F200	175	2 - 11 1/2 NPT	2-15/32" HEX	1-7/32"	5/16"



Pipe Fittings



Coupling, Female Pipe Thread to Female Pipe Thread

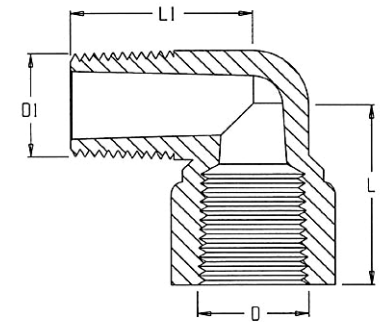
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2
FC12	700	3-FC12	700	1/2-14 NPT	1/2-14 NPT	1"	1-3/16" HEX	1-5/8"	11/16"	1/4"
FC34	400	3-FC34	400	3/4-14 NPT	3/4-14 NPT	1-1/4"	1-3/8" HEX	2"	7/8"	1/4"
FC100	500	3-FC100	500	1-11 1/2 NPT	1-11 1/2 NPT	1-1/2"	1-5/8" HEX	2-1/4"	1"	1/4"
FC114	275	3-FC114	300	1 1/4 - 11 1/2 NPT	1 1/4 - 11 1/2 NPT	1-7/8"	2" HEX	2-1/2"	1-1/8"	1/4"
FC112	200	3-FC112	200	1 1/2 - 11 1/2 NPT	1 1/2 - 11 1/2 NPT	2-9/64"	2-1/4" HEX	2-3/4"	1-1/4"	1/4"
FC200	125	3-FC200	130	2-11 1/2 NPT	2-11 1/2 NPT	2-5/8"	2-5/8" HEX	3"	1-25/64"	1/4"



Pipe Fittings



Street Elbow, 90 Degrees



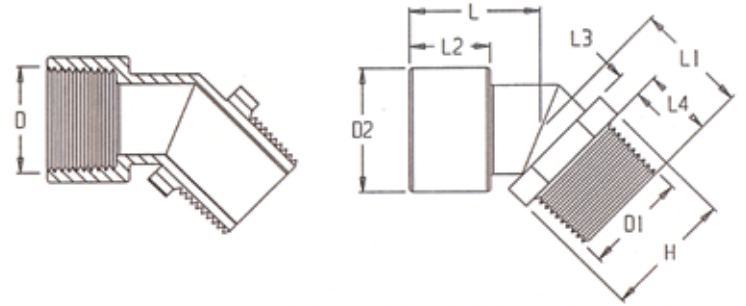
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1
SE18	1000	3-SE18	1000	1/8-27 NPT	1/8-27 NPT	1-59/64"	1-59/64"
SE14	1700	3-SE14	1700	1/4-18 NPT	1/4-18 NPT	1"	1"
SE38	1000	3-SE38	400	3/8-18 NPT	3/8-18 NPT	1-1/4"	1-1/4"
SE12	570	3-SE12	500	1/2-14 NPT	1/2-14 NPT	1-3/8"	1-3/8"
SE34	350	3-SE34	350	3/4-14 NPT	3/4-14 NPT	1-1/2"	1-1/2"
SE112	100	3-SE112	100	1 1/2-11 1/2"	1 1/2-11 1/2"	2-7/32"	2-39/64"
SE200	100	3-SE200	100	2-11 1/2"	2-11 1/2"	2-33/64"	2-25/32"



Pipe Fittings



Street Elbow, 45 Degrees



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2	L3	L4
SE3445	900	3-SE3445	400	3/4-14 NPT	3/4-14 NPT	1-1/4"	1-1/8" HEX	1-5/16"	1-9/64"	13/16"	1/4"	11/16"

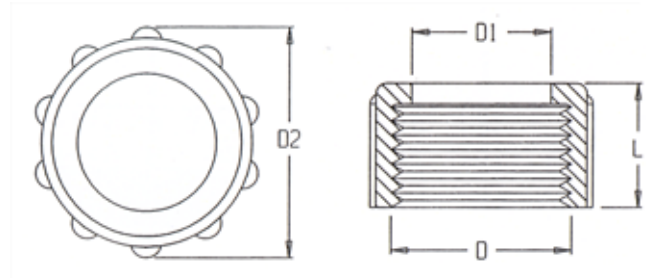


Pipe Fittings



**Knurled Swivel Nut**

Note: For use with Hose Barb Flat Seat (shown above) and Vinyl Washer shown on page 51 and 52.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L
B34	1200	3-B34	1200	3/4-11 1/2 NH	27/32"	1-3/8"	3/4"
B35	1200	3-B35	1150	3/4-14 FPS	27/32"	1-3/8"	3/4"

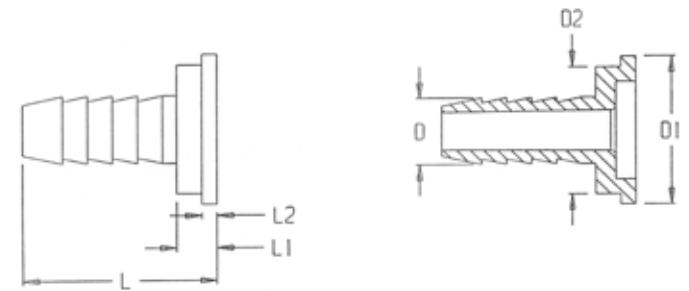


Pipe Fittings



Hose Barb Flat Seat

For use with the Knurled Swivel Nut (B Parts, page 35) and the Vinyl Washer (Part # W406V, page 37).



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2
C14	1800	3-C14	1000	1/4"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C38	3000	3-C38	1500	3/8"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C12	2500	3-C12	2500	1/2"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C58	2000	3-C58	500	5/8"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C34	3400	3-C34	1700	3/4"	15/16"	13/16"	1-13/64"	1/4"	3/32"

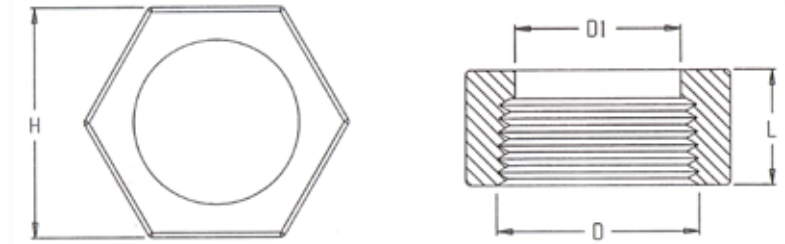


Pipe Fittings



Hex Swivel Nut

Note: For use with Flat Seat Hose Barb (Part no. C100 page 26).



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L
B100	750	3-B100	750	1-11 1/2 NPSM	1-1/16"	1-1/2"	3/4"

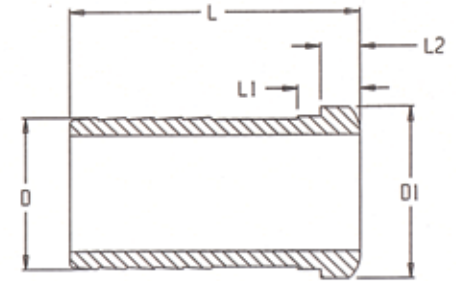


Pipe Fittings



**Hose Barb Flat Seat (Use with Hex Swivel Nut)**

Note: For use with Hex Swivel Nut (Part no. B100 on page 25).



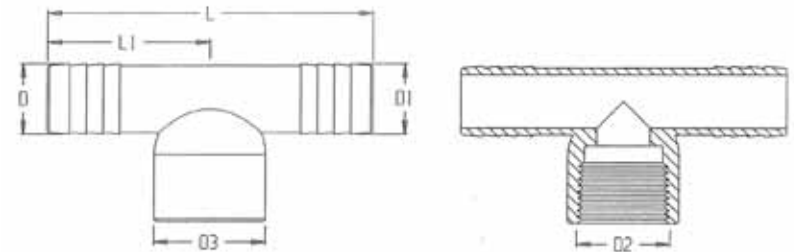
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1	L2
C100	150	3-C100	600	1"	1-3/16"	2"	7/16"	17/64"



Pipe Fittings

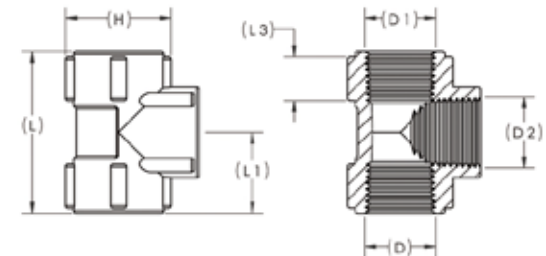


Tee, Female Pipe Thread to Hose Barbs



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	D3	L	L1
T34F	1000	3-T34F	650	3/4"	3/4"	3/4-14 NPT	1-1/4"	3-43/64"	1-53/64"
T34114F	1000	3-T34114F	125	1-1/4"	1-1/4"	3/4-14 NPT	1-1/4"	5-3/64"	2-33/64"

Tee, Female Pipe Threads with Knurls



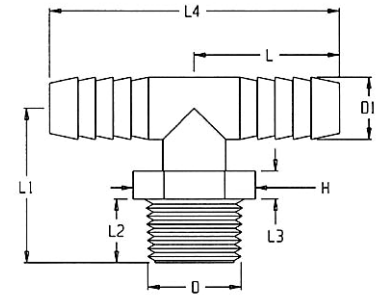
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2	L3
TT14N	1000	3-TT14N	1000	1/4-18 NPT	1/4-18 NPT	1/4-18 NPT	7/8"	1-1/2"	3/4"	61/64"	3/8"
TT12N	450	3-TT12N	450	1/2-14 NPT	1/2-14 NPT	1/2-14 NPT	1-1/4"	1-29/32"	61/64"	61/64"	33/64"



Pipe Fittings



Tee, Male Pipe Thread to Hose Barbs



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2	L3	L4
T1814T	1000	3-T1814T	1000	1/8-27 NPT	1/4"	5/8" HEX	1-5/32"	1-9/32"	15/32"	1/4"	2-21/64"
T14T	1000	3-T14T	450	1/4-18 NPT	1/4"	5/8" HEX	1-5/32"	1-5/16"	1/2"	1/4"	2-21/64"
T1438T	650	3-T1438T	300	1/4-18 NPT	3/8"	5/8" HEX	1-7/32"	1-5/16"	1/2"	1/4"	2-7/16"
T1412T	1000	3-T1412T	1000	1/4-18 NPT	1/2"	5/8" HEX	1-9/32"	1-5/16"	1/2"	1/4"	2-9/16"
T3814T	550	3-T3814T	1000	3/8-18 NPT	1/4"	3/4" HEX	1-5/32"	1-3/8"	9/16"	1/4"	2-21/64"
T38T	550	3-T38T	550	3/8-18 NPT	3/8"	3/4" HEX	1-7/32"	1-3/8"	9/16"	1/4"	2-7/16"
T3812T	900	3-T3812T	400	3/8-18 NPT	1/2"	3/4" HEX	1-9/32"	1-3/8"	9/16"	1/4"	2-9/16"
T1238T	900	3-T1238T	900	1/2-14 NPT	3/8"	15/16" HEX	1-7/32"	1-3/8"	9/16"	1/4"	2-7/16"
T12T	350	3-T12T	700	1/2-14 NPT	1/2"	15/16" HEX	1-9/32"	1-3/8"	9/16"	1/4"	2-9/16"
T1258T	1000	3-T1258T	1000	1/2-14 NPT	5/8"	15/16" HEX	1-11/32"	1-9/16"	9/16"	1/4"	2-11/16"
T1234T	1000	3-T1234T	1000	1/2-14 NPT	3/4"	15/16" HEX	1-13/32"	1-9/16"	9/16"	1/4"	2-13/16"
T3438T	1000	3-T3438T	1000	3/4-14 NPT	3/8"	1-1/8" HEX	1-7/32"	1-7/16"	5/8"	1/4"	2-7/16"
T3412T	500	3-T3412T	550	3/4-14 NPT	1/2"	1-1/8" HEX	1-9/32"	1-7/16"	5/8"	1/4"	2-9/16"
T3458T	400	3-T3458T	1000	3/4-14 NPT	5/8"	1-1/8" HEX	1-11/32"	1-5/8"	5/8"	1/4"	2-11/16"
T34T	750	3-T34T	350	3/4-14 NPT	3/4"	1-1/8" HEX	1-13/32"	1-5/8"	5/8"	1/4"	2-13/16"

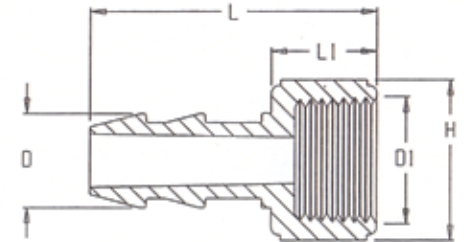


Pipe Fittings



Adapter, Female Pipe Thread to 'Slip On' Hose Barb

Note: For use with "Slip On" Hose.



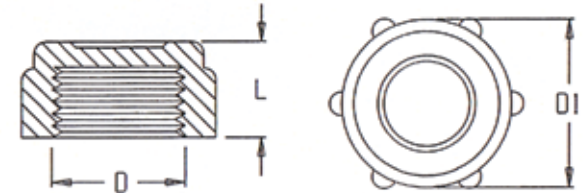
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1
Q14	1000	3-Q14	600	1/4"	1/4-18 NPT	3/4" HEX	1-17/32"	5/8"
Q12	1000	3-Q12	200	1/2"	1/2-14 NPT	1-1/16" HEX	1-7/8"	3/4"



Pipe Fittings



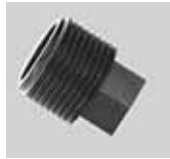
Knurled Cap



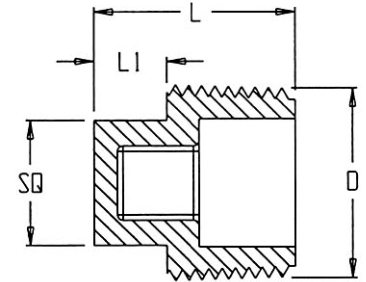
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L
N34	1200	3-N34	1200	3/4-11 1/2 NH	1-3/8"	3/4"
N35	1200	3-N35	1200	3/4-14 FPS	1-3/8"	3/4"



Pipe Fittings



Pipe Plug, Square Head



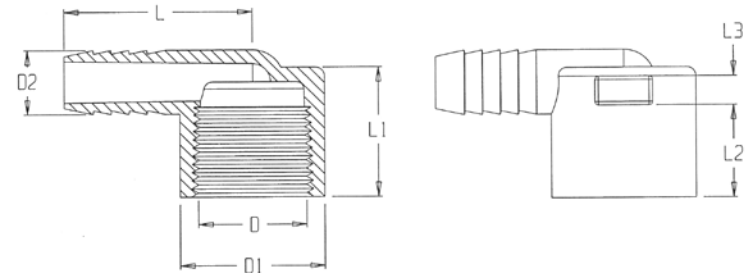
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	SQ	L	L1
SP34	1000	3-SP34	1000	3/4-14 NPT	11/16"	1-5/64"	25/64"



Pipe Fittings



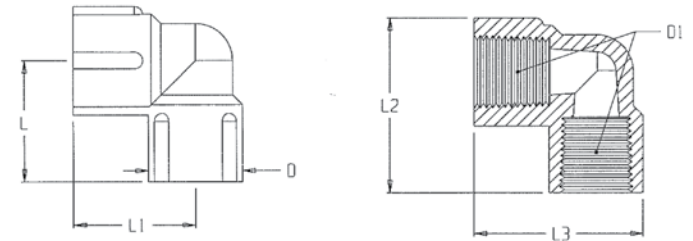
Elbow, Female Pipe Thread to Short Hose Barb



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2	L3
EL3412SF	500	3-EL3412SF	250	3/4-14 NPT	1-1/4"	1/2"	1-3/8 Flats	1-15/32"	1-1/8"	51/64"	1/4"
EL3458SF	500	3-EL3458SF	1000	3/4-14 NPT	1-1/4"	5/8"	1-3/8 Flats	1-21/34"	1-1/8"	51/64"	1/4"
EL3434SF	500	3-EL3434SF	250	3/4-14 NPT	1-1/4"	3/4"	1-3/8 Flats	1-13/32"	1-1/8"	51/64"	1/4"



Pipe Fittings



Elbow, 90 Degrees Female Pipe Thread by Female Pipe Thread

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1	L2	L3
LL12	400	3-LL12	400	1 1/16"	1/2-14 NPT	1 3/8"	1 3/8"	1 29/32"	2"
LL34	300	3-LL34	300	1 1/4"	3/4-14 NPT	1 1/2"	1 1/2"	2 7/32"	2 9/64"

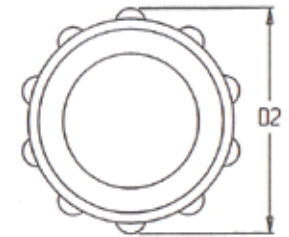
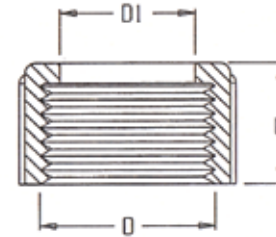


Garden Hose Fittings



**Knurled Swivel Nut**

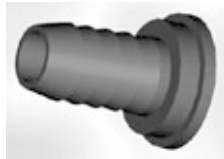
FNote: For use with Hose Barb Flat Seat (page 24) and Vinyl Washer shown on page 51 and 52.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L
B34	1200	3-B34	1200	3/4-11 1/2 NH	27/32"	1-3/8"	3/4"
B35	1200	3-B35	1150	3/4-14 FPS	27/32"	1-3/8"	3/4"

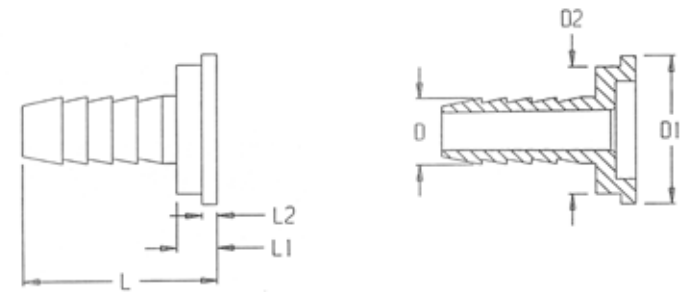


Garden Hose Fittings



Hose Barb, Flat Seat

Note: For use with Knurled Swivel Nut (shown below) and Vinyl Washer shown on page 51 and 52.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2
C14	1800	3-C14	1000	1/4"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C38	3000	3-C38	1500	3/8"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C12	2500	3-C12	2500	1/2"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C58	2000	3-C58	500	5/8"	15/16"	13/16"	1-13/64"	1/4"	3/32"
C34	3400	3-C34	1700	3/4"	15/16"	13/16"	1-13/64"	1/4"	3/32"

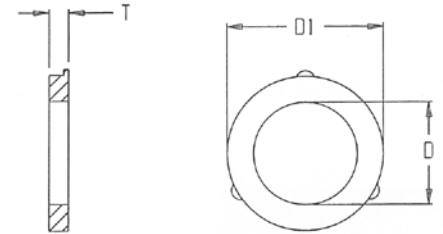


Garden Hose Fittings



**Black Vinyl Washer (For use with Knurled Swivel Nut & Hose Barb)**

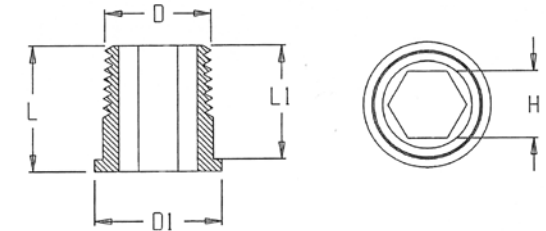
Note: For use with Knurled Swivel Nut and Flat Seat Hose Barb shown on page 49 and 50.



Vinyl Part No.	PARTS PER BOX	T	
W406V	1000	11/16" I.D.	1/8"



Garden Hose Fittings



Adapter, Male Pipe Thread Insert (For use w/ Knurled Swivel Nut)

Note: For use with Knurled Swivel Nut on page 49 and 50.

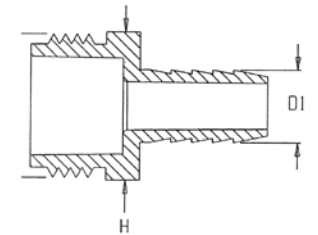
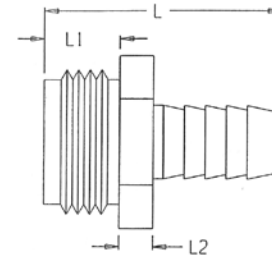
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L	L1	HEX
C38NPT	1000	3-C38NPT	1000	3/8-18 NPT	15/16"	59/64"	53/64"	3/8"
C12NPT	450	3-C12NPT	450	1/2-14 NPT	15/16"	59/64"	53/64"	1/2"



Garden Hose Fittings



Adapter, Male Garden Hose Thread to Hose Barb



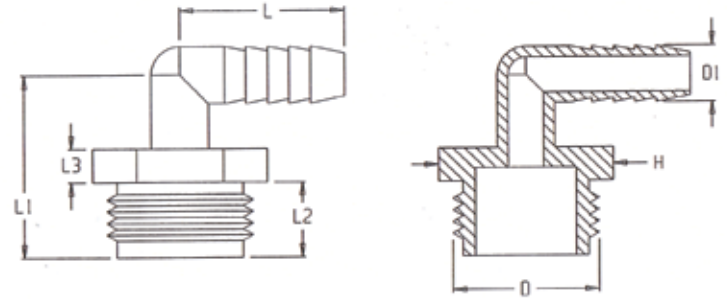
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
D3414	2300	3-D3414	500	3/4-11 1/2 NH	1/4"	1-1/8" HEX	1-3/4"	9/16"	1/4"
D3438	900	3-D3438	900	3/4-11 1/2 NH	3/8"	1-1/8" HEX	1-3/4"	9/16"	1/4"
D3412	1900	3-D3412	1900	3/4-11 1/2 NH	1/2"	1-1/8" HEX	1-3/4"	9/16"	1/4"
D3458	1800	3-D3458	400	3/4-11 1/2 NH	5/8"	1-1/8" HEX	1-3/4"	9/16"	1/4"
D34	1700	3-D34	1600	3/4-11 1/2 NH	3/4"	1-1/8" HEX	1-3/4"	9/16"	1/4"



Garden Hose Fittings



Elbow, Male Garden Hose Thread to Hose Barb



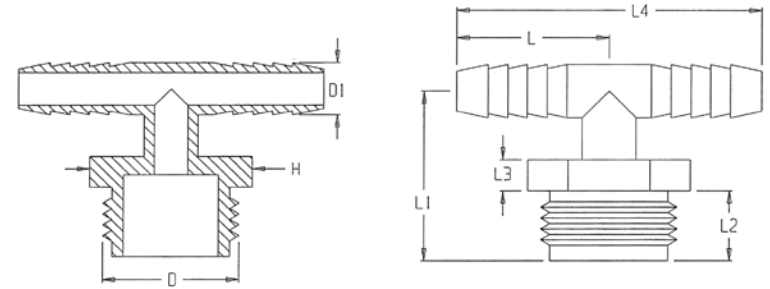
NATURAL NYLON	PARTS PER BOX	BLACK POLY-PROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2	L3
ELD3414	1000	3-ELD3414	1000	3/4-11 1/2 NH	1/4"	1-1/8" HEX	1-5/32"	1-3/8"	9/16"	1/4"
ELD3438	1000	3-ELD3438	900	3/4-11 1/2 NH	3/8"	1-1/8" HEX	1-7/32"	1-3/8"	9/16"	1/4"
ELD3412	1600	3-ELD3412	1000	3/4-11 1/2 NH	1/2"	1-1/8" HEX	1-9/32"	1-3/8"	9/16"	1/4"
ELD3458	1000	3-ELD3458	1000	3/4-11 1/2 NH	5/8"	1-1/8" HEX	1-11/32"	1-9/16"	9/16"	1/4"
ELD3434	1000	3-ELD3434	1000	3/4-11 1/2 NH	3/4"	1-1/8" HEX	1-13/32"	1-9/16"	9/16"	1/4"
ELD34100	1000	3-ELD34100	1000	3/4-11 1/2 NH	1"	1-1/8" HEX	1-13/32"	1-9/16"	9/16"	1/4"



Garden Hose Fittings



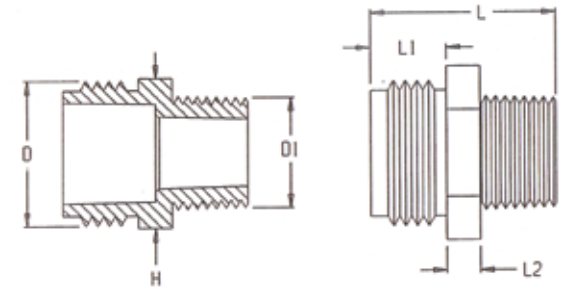
Tee, Male Garden Hose Thread to Hose Barbs



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2	L3	L4
TD3438	1000	3-TD3438	1000	3/4-11 1/2 NH	3/8"	1-1/8" HEX	1-7/32"	1-3/8"	9/16"	1/4"	1-7/16"
TD3412	1000	3-TD3412	1000	3/4-11 1/2 NH	1/2"	1-1/8" HEX	1-9/32"	1-3/8"	9/16"	1/4"	1-9/16"
TD3458	400	3-TD3458	1000	3/4-11 1/2 NH	5/8"	1-1/8" HEX	1-11/32"	1-9/16"	9/16"	1/4"	1-11/16"
TD3434	1000	3-TD3434	150	3/4-11 1/2 NH	3/4"	1-1/8" HEX	1-13/32"	1-9/16"	9/16"	1/4"	1-13/16"



Garden Hose Fittings



Adapter, Male Garden Hose Thread to Male Pipe Thread (Nipple)

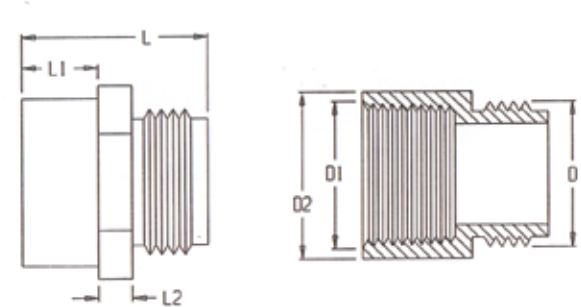
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
E3414	1000	3-E3414	1000	3/4-11 1/2 NH	1/4-18 NPT	1-1/8" HEX	1-3/8"	9/16"	1/4"
E3438	1000	3-E3438	1000	3/4-11 1/2 NH	3/8-18 NPT	1-1/8" HEX	1-3/8"	9/16"	1/4"
E3412	2000	3-E3412	2000	3/4-11 1/2 NH	1/2-14 NPT	1-1/8" HEX	1-3/8"	9/16"	1/4"
E34	1700	3-E34	1700	3/4-11 1/2 NH	3/4-14 NPT	1-1/8" HEX	1-7/16"	9/16"	1/4"
E34100	250	3-E34100	1000	3/4-11 1/2 NH	1-11 1/2 NPT	1-1/8" HEX	1-7/16"	9/16"	1/4"



Garden Hose Fittings



Adapter, Male Garden Hose Thread to Female Pipe Thread



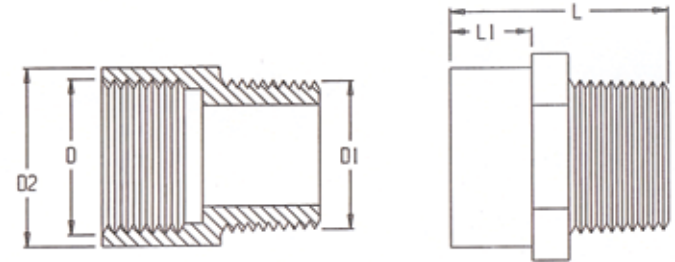
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1	L2
G3414	1000	3-G3414	1000	3/4-11 1/2 NH	1/4-18 NPT	7/8"	1-1/4" HEX	1-3/16"	3/8"	1/4"
G3412	750	3-G3412	300	3/4-11 1/2 NH	1/2-14 NPT	1-1/4"	1-1/4" HEX	1-3/8"	9/16"	1/4"
G34	750	3-G34	350	3/4-11 1/2 NH	3/4-14 NPT	1-1/4"	1-1/4" HEX	1-3/8"	9/16"	1/4"



Garden Hose Fittings



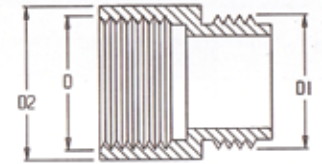
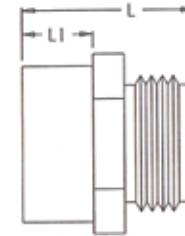
Adapter, Female Garden Hose Thread to Male Pipe Thread



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1
H34	700	3-H34	600	3/4-11 1/2 NH	3/4-14 NPT	1-1/4"	1-1/4" HEX	1-1/2"	13/16"



Garden Hose Fittings

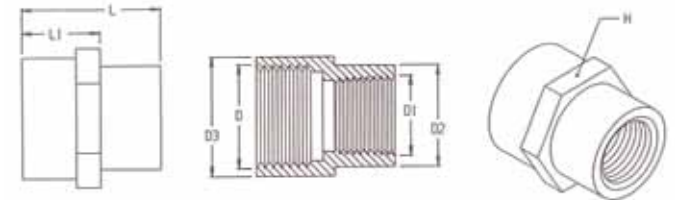


Adapter, Female Garden Hose Thread to Male Garden Hose Thread

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	H	L	L1
I34	1000	3-I34	350	3/4-11 1/2 NH	3/4-11 1/2 NH	1-1/4"	1-1/4" HEX	1-3/8"	13/16"



Garden Hose Fittings



Coupling, Female Garden Hose Thread to Female Pipe Thread

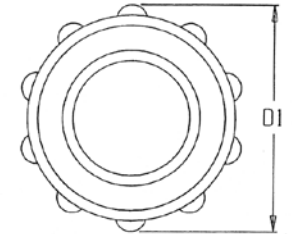
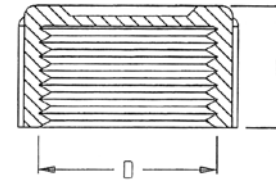
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	D3	H	L	L1
J3412	700	3-J3412	350	3/4-11 1/2 NH	1/2-14 NPT	1-1/16"	1-1/4"	1-1/4" HEX	1-7/16"	13/16"
J3434	100	3-J3434	100	3/4-11 1/2 NH	3/4-11 1/2 NPT	1-21/64"	1-21/64"	1-21/64" HEX	1-31/32"	1-3/32"



Garden Hose Fittings



Knurled Cap



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L
N34	1200	3-N34	1200	3/4-11 1/2 NH	1-3/8"	3/4"
N35	1200	3-N35	1200	3/4-14 FPS	1-3/8"	3/4"

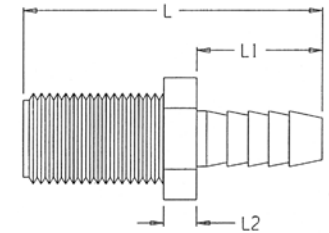
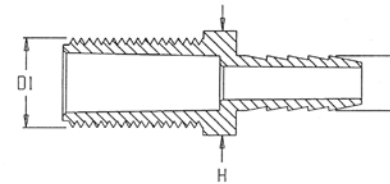


Nozzle Fittings



**Adapter, Male Straight Thread to Hose Barb**

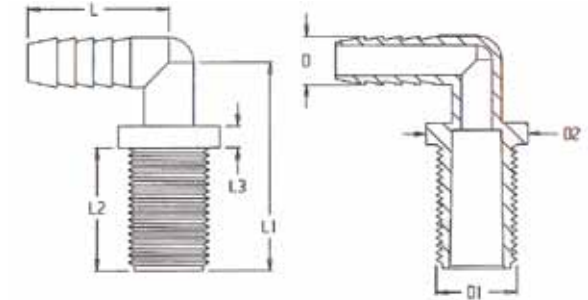
Nozzle Nut (Part # B12, page 51) must be ordered separately.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
38D	1400	3-38D	1300	3/8"	11/16-16 UN	13/16" HEX	2-17/64"	61/64"	1/4"
3812D	1200	3-3812D	1100	1/2"	11/16-16 UN	13/16" HEX	2-17/64"	64/64"	1/4"



Nozzle Fittings



**Elbow Adapter, Male Straight Thread to Hose Barb**

Nozzle Nut (Part # B12, page 51) must be ordered separately.

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2	L3
NTL14	1000	3-NTL14	1300	1/4"	11/16-16 UN	7/8"	1-5/32"	1-13/16"	1-1/16"	3/16"
NTL38	1100	3-NTL38	2300	3/8"	11/16-16 UN	7/8"	1-7/32"	1-13/16"	1-1/16"	3/16"
NTL12	2000	3-NTL12	1800	1/2"	11/16-16 UN	7/8"	1-9/32"	1-13/16"	1-1/16"	3/16"
NTL58	1000	3-NTL58	500	5/8"	11/16-16 UN	7/8"	1-11/32"	2"	1-1/16"	3/16"
NTL34	1000	3-NTL34	1200	3/4"	11/16-16 UN	7/8"	1-13/32"	2"	1-1/16"	3/16"

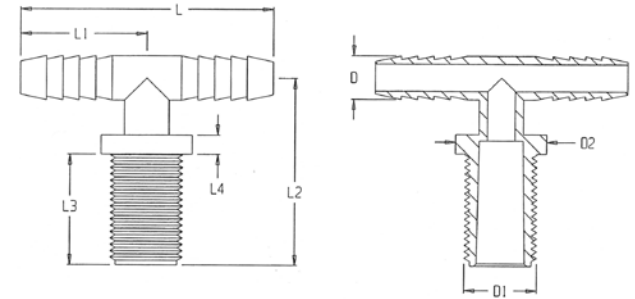


Nozzle Fittings



**Tee, Male Straight Thread to Hose Barbs**

Nozzle Nut (Part # B12, page 51) must be ordered separately.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2	L3	L4
NTT38	1800	3-NTT38	1700	3/8"	11/16-16 UN	7/8"	2-7/16"	1-7/32"	1-13/16"	1-1/16"	3/16"
NTT12	1500	3-NTT12	1400	1/2"	11/16-16 UN	7/8"	2-9/16"	1-9/32"	1-13/16"	1-1/16"	3/16"
NTT58	500	3-NTT58	1000	5/8"	11/16-16 UN	7/8"	2-11/16"	1-11/32"	2"	1-1/16"	3/16"
NTT34	400	3-NTT34	900	3/4"	11/16-16 UN	7/8"	2-13/16"	1-13/32"	2"	1-1/16"	3/16"

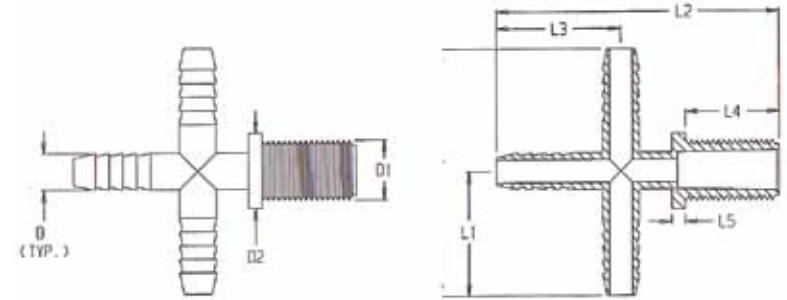


Nozzle Fittings



**Cross, Hose Barbs to Male Straight Thread**

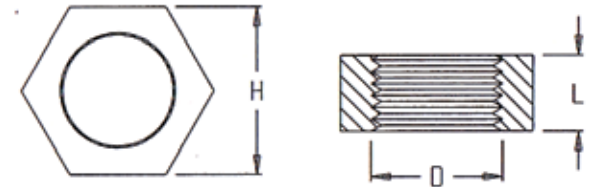
Nozzle Nut (Part # B12, page 51) must be ordered separately.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1	L2	L3	L4	L5
T38C	1200	3-T38C	275	3/8"	11/16-16 UN	7/8"	2-7/8"	1-7/16"	3-3/16"	1-7/16"	1-1/16"	5/32"
T12C	475	3-T12C	450	1/2"	11/16-16 UN	7/8"	1-63/64"	1-1/2"	3-5/16"	1-1/2"	1-1/16"	5/32"
T34C	1000	3-T34C	1000	3/4"	11/16-16 UN	7/8"	3-1/4"	1-5/8"	3-17/32"	1-5/8"	1-1/16"	5/32"



Nozzle Fittings



Nozzle Nut

Note: Fits all Nozzle Fittings with 11/16 straight thread.

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	H	L
B12	4700	3-B12	4700	11/16-16 UN	7/8"	13/32"

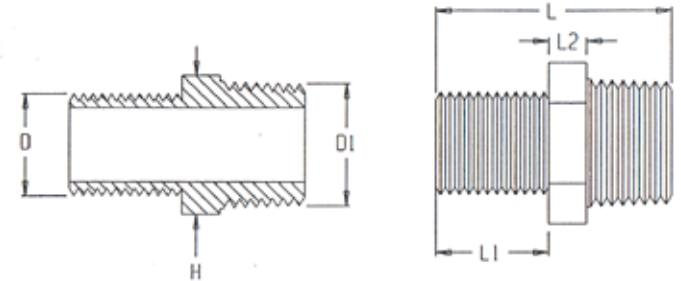


Nozzle Fittings



**Nipple, Male Straight Thread to Male Pipe Thread**

Note: Nozzle Nut (Part no. B12), shown page 52, must be ordered separately.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	H	L	L1	L2
NB1614	2000	3-NB1614	2000	11/16-16 UN	1/4-18 NPT	3/4" HEX	1-1/2"	3/4"	1/4"
NB1612	1300	3-NB1612	1200	11/16-16 UN	1/2-14 NPT	15/16" HEX	1-9/16"	3/4"	1/4"

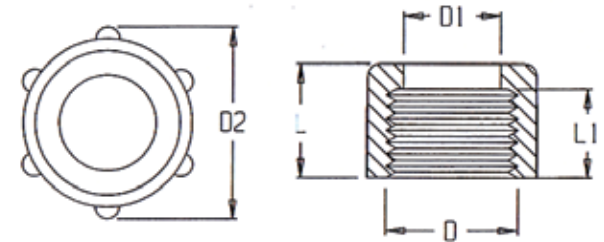


Nozzle Fittings



Swivel Nut

Note: For use with Barbed Nozzle Fittings on page 54.



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	L	L1
8027	3200	3-8027	3200	11/16-16 UN	1/2"	1"	19/32"	15/32"

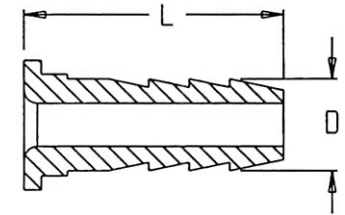


Nozzle Fittings



**Barbed Nozzle Fitting**

Note: For use with Swivel Nut (Part no. 8027) page 53.



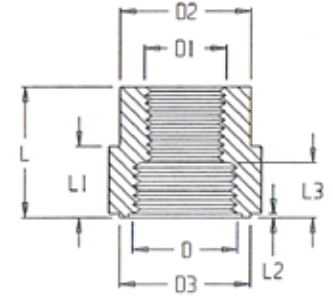
NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	L
K8414	2500	3-K8414	3500	1/4"	1-13/64"
K8438	2700	3-K8438	2500	3/8"	1-13/64"
K8412	1000	3-K8412	2200	1/2"	1-13/64"



Nozzle Fittings



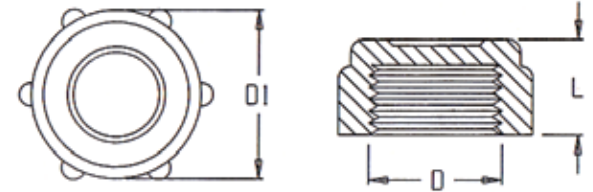
Coupling, Female Pipe Thread to Female Straight Thread



NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	D2	D3	H	L	L1
NF1614	1100	3-NF1614	1100	11/16-16 UN	1/4-18 NPT	3/4"	55/64"	7/8"	7/8"	31/64"



Nozzle Fittings











**Knurled Cap**

Note: Fits all Nozzle Fittings with 11/16 straight thread.

NATURAL NYLON	PARTS PER BOX	BLACK POLYPROPYLENE	PARTS PER BOX	D	D1	L
3942	1900	3-3942	900	11/16-16 UN	7/8"	1/2"











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