

Natural Materials Bioprocess & Medical



Biomedical
Natural Materials



PP - Port Plates - Ribbed Base

RoHS Compliant



Ribbed base prevents suction blockage and increases rigidity



▷ USP Class VI

Bioreactor Bag Ports

Hose Barb	Base Plate	Part Number	▷ E8402	▷ 50/50	▷ NKF
1/8"	1 3/4" Ribbed	PP 2	▷ E8402	▷ 50/50	▷ NKF
5/32"	1 3/4" Ribbed	PP 2.5	▷ E8402	▷ 50/50	▷ NKF
3/16"	1 3/4" Ribbed	PP 3	▷ E8402	▷ 50/50	▷ NKF
1/4"	1 3/4" Ribbed	PP 4	▷ E8402	▷ 50/50	▷ NKF
5/16"	1 3/4" Ribbed	PP 5	▷ E8402	▷ 50/50	▷ NKF
3/8"	1 3/4" Ribbed	PP 6	▷ E8402	▷ 50/50	▷ NKF

Hose Barb	Base Plate	Part Number	▷ E8402	▷ 50/50	▷ NKF
1/2"	2 1/4" Ribbed	PP 8	▷ E8402	▷ 50/50	▷ NKF
5/8"	2 1/4" Ribbed	PP 10	▷ E8402	▷ 50/50	▷ NKF
3/4"	2 1/4" Ribbed	PP 12	▷ E8402	▷ 50/50	▷ NKF
1"	2 1/4" Ribbed	PP 16	▷ E8402	▷ 50/50	▷ NKF

Flow Restricted

Hose Barb	Base Plate	Part Number	▷ E8402	▷ 50/50	▷ NKF
1/2"	1 3/4" Ribbed	PP 8-4	▷ E8402	▷ 50/50	▷ NKF
5/8"	1 3/4" Ribbed	PP 10-4	▷ E8402	▷ 50/50	▷ NKF
3/4"	1 3/4" Ribbed	PP 12-4	▷ E8402	▷ 50/50	▷ NKF
			E8402	50/50: E8402 / 955i LDPE Blend	NKF Kynar-Flex®

< Flow restricted Port Plates left, have 1/4" flow restriction at the base

Port Plates and Port Discs are designed for ultrasonic welding to bags of like material - Use NKF (Natural Kynar-Flex) with Kynar® bags and 50/50 or E8402 with polyethylene bag materials.

Mini-Dome protrusions inhibit suction blockage >
• Flexible 2 1/4" disc base

PD - Port Discs- Flat Plate / Mini-Domes

RoHS Compliant

▷ USP Class VI



Hose Barb	Base Mini Dome	Part Number	▷ E8402	▷ 50/50	▷ NKF
1/8"	2 1/4" Disc	PD 2	▷ E8402	▷ 50/50	▷ NKF
5/32"	2 1/4" Disc	PD 2.5	▷ E8402	▷ 50/50	▷ NKF
3/16"	2 1/4" Disc	PD 3	▷ E8402	▷ 50/50	▷ NKF
1/4"	2 1/4" Disc	PD 4	▷ E8402	▷ 50/50	▷ NKF
5/16"	2 1/4" Disc	PD 5	▷ E8402	▷ 50/50	▷ NKF
3/8"	2 1/4" Disc	PD 6	▷ E8402	▷ 50/50	▷ NKF
1/2"	2 1/4" Disc	PD 8	▷ E8402	▷ 50/50	▷ NKF
5/8"	2 1/4" Disc	PD 10	▷ E8402	▷ 50/50	▷ NKF
3/4"	2 1/4" Disc	PD 12	▷ E8402	▷ 50/50	▷ NKF
1"	2 1/4" Disc	PD 16	▷ E8402	▷ 50/50	▷ NKF

Bioreactor Bag Ports

PND - Port Discs - Flat Plate

RoHS Compliant

▷ USP Class VI

Flexible, smooth 2 1/4" >
flat disc base



Hose Barb	Base - Flat	Part Number	▷ E8402	▷ 50/50	▷ NKF
1/8"	2 1/4" Disc	PND 2	▷ E8402	▷ 50/50	▷ NKF
5/32"	2 1/4" Disc	PND 2.5	▷ E8402	▷ 50/50	▷ NKF
3/16"	2 1/4" Disc	PND 3	▷ E8402	▷ 50/50	▷ NKF
1/4"	2 1/4" Disc	PND 4	▷ E8402	▷ 50/50	▷ NKF
5/16"	2 1/4" Disc	PND 5	▷ E8402	▷ 50/50	▷ NKF
3/8"	2 1/4" Disc	PND 6	▷ E8402	▷ 50/50	▷ NKF
1/2"	2 1/4" Disc	PND 8	▷ E8402	▷ 50/50	▷ NKF
5/8"	2 1/4" Disc	PND 10	▷ E8402	▷ 50/50	▷ NKF
3/4"	2 1/4" Disc	PND 12	▷ E8402	▷ 50/50	▷ NKF
1"	2 1/4" Disc	PND 16	▷ E8402	▷ 50/50	▷ NKF

E8402

50/50: E8402 / 955i LDPE Blend

NKF Kynar-Flex®



38-400 1" Bottle Cap Thread

Wide 1" opening suitable for high
viscosity liquids and powders

PD 38-400 - 1" Threaded Ports

RoHS Compliant

▷ USP Class VI

Thread	Base - Flat	Part Number	▷ E8402	▷ 50/50	NKF
38-400	2 1/4" Disc	PD 38-400	▷ E8402	▷ 50/50	▷ NKF



Designed for Sample Port and
Dip Tube Applications

PDO - Opposing Barb Ports

RoHS Compliant

▷ USP Class VI

ISO 9001
Quality System



Hose Barbs	Base - Flat	Part Number	▷ E8402	▷ 50/50	NKF
1/4"	2 1/4" Disc	PDO 4	▷ E8402	▷ 50/50	▷ NKF
3/8"	2 1/4" Disc	PDO 6	▷ E8402	▷ 50/50	▷ NKF
1/2"	2 1/4" Disc	PDO 8	▷ E8402	▷ 50/50	▷ NKF

E8402

50/50: E8402 / 955i LDPE Blend

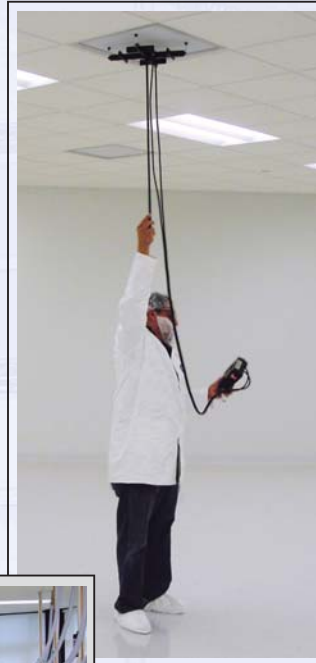
NKF Kynar-Flex®

Port Plates and Discs are designed for ultrasonic welding to bags of like material - Use NKF (Natural Kynar-Flex) with Kynar® bags and 50/50 or E8402 with polyethylene bag materials.

***Controlled Environment Production
EJ BioMed***

3rd Party Certified
ISO Class 8 Cleanrooms

Portable Modular Over-enclosures
Are Class 5 Certified



ISO 9001
Quality System

Validation Monitoring
ISO 14644-1 Class 8

EJ BioMed



Ph. 970.667.2728 • eldonjames.com • fax 970.667.3204

TPE Materials



Thermoplastic Elastomers For Bioprocess and Medical Applications



Animal Derivative Free



- Ultra-low extractables / leachables
- No phthalate plasticizers or DEHP additives
- Sterilize with E-beam, EtO or gamma to 45 kGy
- Thermoplastic Elastomer no PVC
- Latex free
- Brittle temp. -88 °F

Cleanroom Manufactured

NEW Thermoplastic Elastomer Products - Luers And TPE tubing are complimentary products manufactured from advanced TPE resins. Using materials from the same resin family generally facilitates the qualification process.

Products manufactured from TPE resins meet USP Class VI requirements and are compatible with gamma, EtO and autoclave sterilization methods.



Peristaltic Pump Compatible - TPE tubing is a silicone-free, durable, economical choice for peristaltic pump applications.

TPE Luers are autoclavable and suitable for use in neonatal applications due to ultra-low extractables characteristics.



TPE tubing durometers range from (soft) Shore A 54 to Shore A 95. Higher durometer tubing resists collapse in high vacuum applications.

Autoclavable to 121 °C or 135 °C depending on tubing type and Shore hardness.

Large Bore Luers (pictured), eliminate the flow restriction inherent in the male side luer design. Standard male luers restrict the flow to barbs larger than 5/32" - Large Bore Luers do not.

CrystalVu™ Material



USP Class VI Polycarbonate Alternative With No Bisphenol-A Additives



- Transparent hard plastic
- Superior chemical resistance
- Sterilize with E-beam, EtO, gamma or autoclave
- Polyolefin material
- BPA free
- Autoclavable to 135 °C
- FDA 21 CFR 177.1520 (a) (3) (11)

CrystalVu™

Cleanroom Manufactured

LMSLN • Stationary Lock

LMRLN • Rotating Lock

see pages 10-11



Animal Derivative Free



USP Class VI, Autoclavable Luers

Soft-Touch ergonomic design enables easy connections with gloved hands

The colored luers shown above are available with either a stationary nut, which rotates with the luer barb body, or a rotating nut which rotates independently from the barb body. In the LMRLN (independently rotating version), the nut is free to rotate until the luer seals. This prevents twisting of tube lines and facilitates making a secure connection.

Colored luers offer a means to differentiate input vs. output lines or color code delivery tubes. LMSLN and LMRLN luers are also available in nylon and animal-derivative-free polypropylene.

Certified Laboratory Testing



Eldon James luers are Certified Laboratory Tested. Our luers are tested for dimensional and performance requirements according to ISO 594-1 and 594-2 standards. This testing includes dimensional checks, as well as tests on the security of the assembled fittings for leakage under pressure and vacuum conditions. Test results are available upon request.

Precision engineered for smooth
positive sealing

Male Luer



Female Luer



Soft-Touch Luers

Standard Sizes 1/16" - 1/4" Barb

▷ USP Class VI

Hose Barb	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/16"	Male	LM-1	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/16"	Female	LF-1	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/32"	Male	LM-1.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/32"	Female	LF-1.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/8"	Male	LM-2	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/8"	Female	LF-2	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
5/32"	Male	LM-2.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
5/32"	Female	LF-2.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/16"	Male	LM-3	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/16"	Female	LF-3	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/4"	Male	LM-4	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/4"	Female	LF-4	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU

Luer Materials

TPE - Thermoplastic Elastomer • A semi-transparent, autoclavable material that is stable to 135 °C. TPE luers are made from the same class of material as our TPE tubing and exhibit ultra-low extractables and low oxygen permeability. USP Class VI, ISO 1993-5 (non cytotoxic), ISO 1993-4 (non hemolytic) and BPA free.

CVU - CrystalVu™ (polyolefin) • A clear transparent polycarbonate alternative containing no Bisphenol-A (BPA). Enhanced characteristics compared with polycarbonate include: superior chemical resistance; no crazing with multiple autoclave cycles; gamma and EtO compatibility. USP Class VI, EU 2002/72/EC.

PP - Polypropylene • A random copolymer that can be gamma sterilized. PP is a USP Class VI material that contains no animal derivatives and features a robust regulatory package - temp. range -9 °F to 150 °F.

NK - Natural Kynar® • Medical grade (polyvinylidene fluoride PVDF) USP class VI • autoclavable to 140 °C. Kynar's physical characteristics actually improve under gamma sterilization, but a slight color shift is possible. Color: off-white translucent - working temp. range -80 °F to 226 °F.

MN - Medical Nylon • Our 6/6 Natural Nylon with an FDA approved white colorant can be gamma sterilized, but may show a moderate color shift with higher doses: rated as very good with autoclave sterilization; however, material may swell slightly due to moisture absorption - temp. range -50 °F to 275 °F.

NN - Natural Nylon • This material has the same characteristics as Medical Nylon, but is a semi-translucent very pale yellow to white - temp. range -50 °F to 275 °F.

Animal Derivative Free Materials - TPE CVU PP NK

Soft-Touch Luers



Male Ag Luer



Female Ag Luer



Ag Luers
Antimicrobial (protected)



Precision engineered standard luer threads

Hose Barb	Style	Part Number	PPAG	MNAG	CVUAG
1/16"	Male	LM-1	PPAG	MNAG	special order
1/16"	Female	LF-1	PPAG	MNAG	special order
3/32"	Male	LM-1.5	PPAG	MNAG	special order
3/32"	Female	LF-1.5	PPAG	MNAG	special order
1/8"	Male	LM-2	PPAG	MNAG	special order
1/8"	Female	LF-2	PPAG	MNAG	special order
5/32"	Male	LM-2.5	PPAG	MNAG	special order
5/32"	Female	LF-2.5	PPAG	MNAG	special order
3/16"	Male	LM-3	PPAG	MNAG	special order
3/16"	Female	LF-3	PPAG	MNAG	special order
1/4"	Male	LM-4	PPAG	MNAG	special order
1/4"	Female	LF-4	PPAG	MNAG	special order

Animal Derivative Free PP, NK, CVU

Large Bore Luer M



Large Bore Luer F



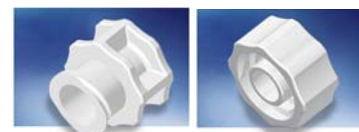
Large Bore Luers

Large Bore Luers - higher flow rates than standard luers

▷ USP Class VI

Hose Barb	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/16"	Male	LBM-3	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/16"	Female	LBF-3	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/4"	Male	LBM-4	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/4"	Female	LBF-4	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
5/16"	Male	LBM-5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
5/16"	Female	LBF-5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU

Large Bore Caps - See Page 13



Kynar® NK	Medical White Nylon MN	CrystalVu™ CVU
Animal Derivative Free Polypropylene PP	Natural Nylon NN	Thermoplastic Elastomer TPE



Large Bore Luers

Large Bore Ag Luer M



Large Bore Ag Luer F



*Large Bore Ag Luers
Antimicrobial (protected)*

Higher flow rates than standard luers

Hose Barb	Style	Part Number	PPAG	MNAG	CVUAG
3/16"	Male	LBM-3	PPAG	MNAG	special order
3/16"	Female	LBF-3	PPAG	MNAG	special order
1/4"	Male	LBM-4	PPAG	MNAG	special order
1/4"	Female	LBF-4	PPAG	MNAG	special order
5/16"	Male	LBM-5	PPAG	MNAG	special order
5/16"	Female	LBF-5	PPAG	MNAG	special order



Luers - Male Slip

RoHS Compliant

▷ USP Class VI

Slip Luers

Slip Luer



Hose Barb	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/16"	Male Slip	LMS-1	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/32"	Male Slip	LMS-1.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/8"	Male Slip	LMS-2	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
5/32"	Male Slip	LMS-2.5	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
3/16"	Male Slip	LMS-3	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU
1/4"	Male Slip	LMS-4	▷ PP	MN	NN	▷ TPE	▷ NK	▷ CVU



Luers - Male Slip

RoHS Compliant

Antimicrobial (protected)



Quality System

Hose Barb	Style	Part Number	PPAG	MNAG	CVUAG
1/16"	Male Slip	LMS-1	PPAG	MNAG	special order
3/32"	Male Slip	LMS-1.5	PPAG	MNAG	special order
1/8"	Male Slip	LMS-2	PPAG	MNAG	special order
5/32"	Male Slip	LMS-2.5	PPAG	MNAG	special order
3/16"	Male Slip	LMS-3	PPAG	MNAG	special order
1/4"	Male Slip	LMS-4	PPAG	MNAG	special order

Pictured In CrystalVu™ Material

Luers - Stationary Lock

LMSLN

RoHS Compliant

▷ USP Class VI

Hose Barb	Style	Part Number	▷ PP	MN	▷ CVU
1/16"	Male	LMSLN-1 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
3/32"	Male	LMSLN-1.5 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
1/8"	Male	LMSLN-2 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
5/32"	Male	LMSLN-2.5 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
3/16"	Male	LMSLN-3 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
1/4"	Male	LMSLN-4 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU

* Please specify the nut's color code letter at the end of the part number - Nut options on following page.

Lock Luers

Non-rotating Nut Assembly

Nut and body are locked and rotate as a single unit



Violet (V)

Orange (O)

Pictured In CrystalVu™ Material

Luers - Rotating Lock

LMRLN

RoHS Compliant

▷ USP Class VI

Hose Barb	Style	Part Number	▷ PP	MN	▷ CVU
1/16"	Male	LMRLN-1 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
3/32"	Male	LMRLN-1.5 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
1/8"	Male	LMRLN-2 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
5/32"	Male	LMRLN-2.5 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
3/16"	Male	LMRLN-3 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU
1/4"	Male	LMRLN-4 (PP, MN, CVU) - * Nut Color	▷ PP	MN	▷ CVU

* Please specify the nut's color code letter at the end of the part number - Nut options on following page.

Rotating Lock Luers

Rotating Nut Assembly - Prevents Tube Twisting

Nut and body rotate independently while connection is being made



Yellow (Y)

Rose (R)

Berry (B)

Lime (L)

Luers - Rotating Lock

LMRL

RoHS Compliant

Rotating Lock Luers

Luer Body Component Only



▷ USP Class VI

Hose Barb	Style	Part Number	▷ PP	MN	▷ CVU
1/16"	Male	LMRL-1	▷ PP	MN	▷ CVU
3/32"	Male	LMRL-1.5	▷ PP	MN	▷ CVU
1/8"	Male	LMRL-2	▷ PP	MN	▷ CVU
5/32"	Male	LMRL-2.5	▷ PP	MN	▷ CVU
3/16"	Male	LMRL-3	▷ PP	MN	▷ CVU
1/4"	Male	LMRL-4	▷ PP	MN	▷ CVU

* Use with Snap Lock Nuts or nut color options on the following page.

Luer - Snap Lock Colors

RoHS Compliant

Snap Lock Nut Colors



▷ USP Class VI

Thread	Size	Color	Part Number	▷ PP	NN	▷ CVU
Luer Thread	Standard	B Berry	LSLR	▷ PP	NN	▷ CVU
Luer Thread	Standard	R Rose	LSLR	▷ PP	NN	▷ CVU
Luer Thread	Standard	Y Yellow	LSLR	▷ PP	NN	▷ CVU
Luer Thread	Standard	L Lime	LSLR	▷ PP	NN	▷ CVU
Luer Thread	Standard	V Violet	LSLR	▷ PP	NN	▷ CVU
Luer Thread	Standard	O Orange	LSLR	▷ PP	NN	▷ CVU



CVU CrystalVu™ and PP Polypropylene - Colors vary with material opacity

*Also Available in Nylon opaque Colors

Snap Lock Nut colors pictured in CrystalVu™ material



Luer - Snap Lock Nuts (Natural)

RoHS Compliant

▷ USP Class VI

Use with Rotating Lock Luer Body on the preceding page and Luer Locking and Rotating Plugs on the following page

Thread	Size	Part Number	▷ PP	MN	▷ CVU
Luer Thread	Standard	LSLR	▷ PP	MN	▷ CVU

Luer - Snap Lock Nuts Antimicrobial (protected)

Thread	Size	Part Number	PPAG	MNAG	CVUAG
Luer Thread	Standard	LSLR	PPAG	MNAG	special order

Plugs-Caps-Accessories

Luer Locking Plug

LMSLN-P

RoHS Compliant

▷ USP Class VI

Non-rotating Nut Assembly



color options above

Size	Style	Part Number	▷ PP	NN	▷ CVU
Standard	Locking Plug	LMSLN-P - (PP, MN, CVU) - * Nut Color	▷ PP	NN	▷ CVU

* __ Please specify the nut's [color code letter](#) at the end of the part number - Nut options on following page.

Luer Rotating Plug

LMRLN-P

RoHS Compliant

▷ USP Class VI

Rotating Nut Assembly
Nut and plug body rotate independently

color options above

Size	Style	Part Number	▷ PP	NN	▷ CVU
Standard	Rotating Plug	LMRLN-P - (PP, MN, CVU) - * Nut Color	▷ PP	NN	▷ CVU

Luer Locking Plug

LMSL-P* RoHS Compliant

▷ USP Class VI

*Normally used with Snap Lock Nuts on preceding page

Plugs-Caps-Accessories



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Locking Plug	LMSL-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Locking Plug Antimicrobial (protected)

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Locking Plug	LMSL-P	PPAG	MNAG	special order

Luer Rotating Plug LMRL-P*

RoHS Compliant

▷ USP Class VI

*Normally used with Snap Lock Nuts on preceding page



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Rotating Plug	LMRL-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Rotating Plug Antimicrobial (protected)

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Rotating Plug	LMRL-P	PPAG	MNAG	special order

Luer Female Plug LF-P

RoHS Compliant

▷ USP Class VI



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Female Plug	LF-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Female Plug Antimicrobial (protected)

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Female Plug	LF-P	PPAG	MNAG	special order

Luer Male Plug LM-P

RoHS Compliant

▷ USP Class VI

ISO 9001
Quality System



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Male Plug	LM-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Male Plug Antimicrobial (protected)

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Male Plug	LM-P	PPAG	MNAG	special order

Luer Slip Plug M LMS-P

RoHS Compliant

▷ USP Class VI



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Slip Plug	LMS-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Continued →



Luer Slip Plug M *Antimicrobial (protected)*

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Slip Plug	LMS-P	PPAG	MNAG	special order

Large Bore Plug F LBLF-P RoHS Compliant

▷ USP Class VI

Plugs-Caps-Accessories



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Large Bore	Female Plug	LBLF-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Large Bore Plug F *Antimicrobial (protected)*

Size	Style	Part Number	PPAG	MNAG	CVUAG
Large Bore	AG Female Plug	LBLF-P	PPAG	MNAG	special order

Large Bore Plug M LBLM-P RoHS Compliant

▷ USP Class VI



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Large Bore	Male Plug	LBLM-P	▷ PP	MN	NN	▷ TPE	▷ CVU

Large Bore Plug M *Antimicrobial (protected)*

Size	Style	Part Number	PPAG	MNAG	CVUAG
Large Bore	AG Male Plug	LBLM-P	PPAG	MNAG	special order

Luer Coupler LF-C RoHS Compliant

▷ USP Class VI



Thread	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Luer Thread	Female Coupler	LF-C	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Coupler *Antimicrobial (protected)*

Thread	Style	Part Number	PPAG	MNAG	CVUAG
Luer Thread	AG Female Coupler	LF-C	PPAG	MNAG	special order

Luer Slip Elbow LSL RoHS Compliant

▷ USP Class VI

ISO 9001
Quality System



Size	Style	Part Number	▷ PP	MN	NN	▷ TPE	▷ CVU
Standard	Slip Elbow	LSL	▷ PP	MN	NN	▷ TPE	▷ CVU

Luer Slip Elbow *Antimicrobial (protected)*

Size	Style	Part Number	PPAG	MNAG	CVUAG
Standard	AG Slip Elbow	LSL	PPAG	MNAG	special order

Oxygen Thread

Diameter Index Safety System Swivel Disconnects™



Straight Female
RoHS Compliant

90° Female Elbow
RoHS Compliant



▷ USP Class VI

Thread F • Barb	Part Number	NN	▷ CVU
9/16"-18 • 1/4"	SAF9-4	NN	▷ CVU
9/16"-18 • 3/8"	SAF9-6	NN	▷ CVU

Thread F • Barb	Part Number	NN	▷ CVU
9/16"-18 • 1/4"	SL90F9-4	NN	▷ CVU
9/16"-18 • 3/8"	SL90F9-6	NN	▷ CVU



Straight Male
RoHS Compliant

90° Male Elbow
RoHS Compliant



▷ USP Class VI

Thread M • Barb	Part Number	NN	▷ CVU
9/16"-18 • 1/4"	SAM9-4	NN	▷ CVU
9/16"-18 • 3/8"	SAM9-6	NN	▷ CVU

Thread M • Barb	Part Number	NN	▷ CVU
9/16"-18 3/16"	LAM9-3	NN	▷ CVU

*A reliable disconnect system with no springs, gaskets or O-rings.
Single material, ball-seat construction is easy to qualify*



Shown with color clip



Plug Male/Female
RoHS Compliant

NPT Conversion
RoHS Compliant



▷ USP Class VI

Thread F • Thread M	Number	NN	▷ CVU
9/16"-18 F • 9/16"-18 M	SUP9	NN	▷ CVU

Thread 1 • Thread 2	Number	NN	▷ CVU
9/16"-18 • 1/4"-18 NPT	SN9-4	NN	▷ CVU

CrystalVu™ (CVU) is a transparent autoclavable material meeting USP Class VI requirements. CVU nut & clip color options are the same as those offered for luers on pages 10-11



CVU Colors

Berry (B) Violet (V) Clear (N) Rose (R) Orange (O) Lime (L) Yellow (Y)

Nylon Colors

Part Number	SCR BLN	SCR YN	SCR BN	SCR OR	SCR WN	SCR GN	SCR RN	SCR PN
Color Code Clips fit SAM9, LAM9, SUP9 and SN9 above - colors match swivel nuts on following page								
Material: Colored Nylon	Blue	Yellow	Black	Orange	White	Green	Red	Purple

*Note: Swivel Disconnects™ are not manufactured in the cleanroom environment

Oxygen Thread

Diameter Index Safety System Swivel Disconnects™



Straight Swivel
9/16"-18 Nut • 1/4" Barb

NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Natural	SAF9-4	NN NN	Clear	CVU N
Black	SAF9-4	NN BN	—	—
Purple	SAF9-4	NN PN	Violet	CVU V
Red	SAF9-4	NN RN	Rose	CVU R
Orange	SAF9-4	NN ON	Orange	CVU O
Yellow	SAF9-4	NN YN	Yellow	CVU Y
Green	SAF9-4	NN GN	Lime	CVU L
Blue	SAF9-4	NN BLN	Berry	CVU B
White	SAF9-4	NN WN	—	—



Straight Swivel
9/16"-18 Nut • 3/8" Barb

NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Natural	SAF9-6	NN NN	Clear	CVU N
Black	SAF9-6	NN BN	—	—
Purple	SAF9-6	NN PN	Violet	CVU V
Red	SAF9-6	NN RN	Rose	CVU R
Orange	SAF9-6	NN ON	Orange	CVU O
Yellow	SAF9-6	NN YN	Yellow	CVU Y
Green	SAF9-6	NN GN	Lime	CVU L
Blue	SAF9-6	NN BLN	Berry	CVU B
White	SAF9-6	NN WN	—	—



90° Swivel Elbows
9/16"-18 Nut • 1/4" Barb

NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Natural	SL90F9-4	NN NN	Clear	CVU N
Black	SL90F9-4	NN BN	—	—
Purple	SL90F9-4	NN PN	Violet	CVU V
Red	SL90F9-4	NN RN	Rose	CVU R
Orange	SL90F9-4	NN ON	Orange	CVU O
Yellow	SL90F9-4	NN YN	Yellow	CVU Y
Green	SL90F9-4	NN GN	Lime	CVU L
Blue	SL90F9-4	NN BLN	Berry	CVU B
White	SL90F9-4	NN WN	—	—



90° Swivel Elbows
9/16"-18 Nut • 3/8" Barb

NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Natural	SL90F9-6	NN NN	Clear	CVU N
Black	SL90F9-6	NN BN	—	—
Purple	SL90F9-6	NN PN	Violet	CVU V
Red	SL90F9-6	NN RN	Rose	CVU R
Orange	SL90F9-6	NN ON	Orange	CVU O
Yellow	SL90F9-6	NN YN	Yellow	CVU Y
Green	SL90F9-6	NN GN	Lime	CVU L
Blue	SL90F9-6	NN BLN	Berry	CVU B
White	SL90F9-6	NN WN	—	—

Plug - Male/Female Colors
9/16"-18 Nut • 9/16"-18 Male Thread



NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Black	SUP9	NN BN	—	—
Purple	SUP9	NN PN	Violet	CVU V
Red	SUP9	NN RN	Rose	CVU R
Orange	SUP9	NN ON	Orange	CVU O

NYLON Nut Color	Part Number	NYLON part suffix	CVU Nut Color	CVU part suffix
Yellow	SUP9	NN YN	Yellow	CVU Y
Green	SUP9	NN GN	Lime	CVU L
Blue	SUP9	NN BLN	Berry	CVU B
White	SUP9	NN WN	—	—

Natural Materials

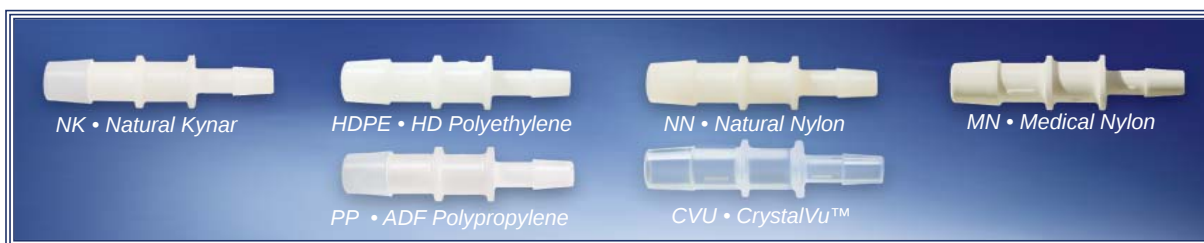
With the exception of Medical Nylon (white), the fittings listed in this section are made from virgin resin materials with no additives or colorants. Medical Nylon consists of virgin nylon resin with a white pigment additive that is FDA listed (21 CFR 178.3297).



Autoclavable Materials: Materials in this section that are autoclavable to 135 °C (275 °F) include: NK Natural Kynar®, NN Natural Nylon and MN Medical Nylon. Autoclavable materials listed in other parts of this catalog include TPE and CVU CrystalVu™



Animal Derivative Free Components: To serve pharmaceutical, biotech and medical markets, Eldon James offers fittings that are free of animal derivative components. NK Natural Kynar® and PP Polypropylene are listed in this section. Other ADF materials are listed in the biomedical section of this catalog: CVU CrystalVu™ and TPE - see pages 5-13.



Cleanroom Production: A large number of the items listed in the Natural Materials Section are available as cleanroom product from the EJ BioMed facility in Ft. Collins Colorado. These products, designated by the addition of -QC to the product suffix, are manufactured and double packaged in an ISO class 8 environment. Please contact Customer Support for information, availability and pricing on specific cleanroom manufactured products.



USP Class VI: PP Polypropylene, NP Polypropylene and Kynar® meet USP Class VI requirements. In addition, these materials have a history of qualification in medical device, pharmaceutical and bioprocess applications. Medical Nylon, HDPE and Natural Nylon are not USP Class VI materials, but are frequently used when USP Class VI is not a requirement. TPE and CrystalVu™ materials, listed in the biomedical section, are also USP Class VI materials.

Partnership Manufacturing: Eldon James has a history of working with other manufacturers and designers to facilitate speed-to-market. The company shares its expertise and manufacturing experience with organizations that are interested in developing relationships beneficial to both parties. In addition; molding or extrusion, based on a customer's requirements, is often possible when quantity requirements are sufficient to offset tooling costs.

Custom Assembly: Eldon James offers state-of-the-art, technical assembly services. Please contact Customer Support for information about custom fabrication capabilities and lead times.

Adapters - Miniature

RoHS Compliant

Adapters

10-32 UNF • 10-32 Taper • 1/4-28 UNF • 1/16" NPT
5 mm Metric • 6 mm Metric



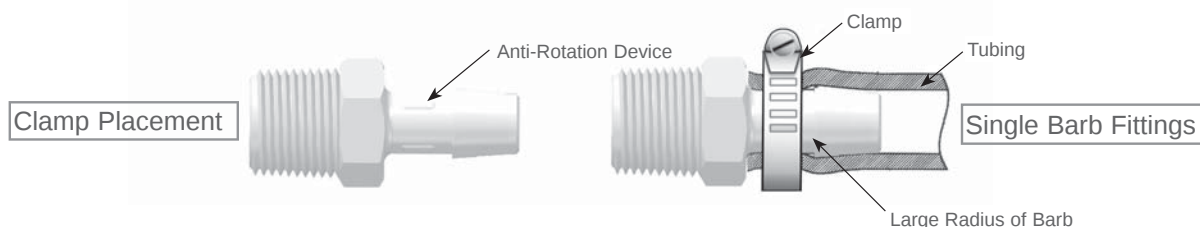
▶ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF • 1/16"	A1032-1	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF • 3/32"	A1032-1.5	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF • 1/8"	A1032-2	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF • 5/32"	A1032-2.5	▶ NK	▶ PP	MN	NN	HDPE
10-32 Taper • 1/16"	A1032T-1	▶ NK	▶ PP	MN	NN	HDPE
10-32 Taper • 3/32"	A1032T-1.5	▶ NK	▶ PP	MN	NN	HDPE
10-32 Taper • 1/8"	A1032T-2	▶ NK	▶ PP	MN	NN	HDPE
10-32 Taper • 5/32"	A1032T-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 1/16"	A1428-1	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 3/32"	A1428-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 1/8"	A1428-2	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 5/32"	A1428-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 3/16"	A1428-3	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 1/16"	A1-1	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 3/32"	A1-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 1/8"	A1-2	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 5/32"	A1-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 3/16"	A1-3	▶ NK	▶ PP	MN	NN	HDPE
1/16" NPT • 1/4"	A1-4	▶ NK	▶ PP	MN	NN	HDPE
5 mm • 6 mm Metric Threads						
5 mm • 1/16"	A5M-1	▶ NK	▶ PP	MN	NN	HDPE
5 mm • 3/32"	A5M-1.5	▶ NK	▶ PP	MN	NN	HDPE
5 mm • 1/8"	A5M-2	▶ NK	▶ PP	MN	NN	HDPE
5 mm • 5/32"	A5M-2.5	▶ NK	▶ PP	MN	NN	HDPE
6 mm • 1/16"	A6M-1	▶ NK	▶ PP	MN	NN	HDPE
6 mm • 3/32"	A6M-1.5	▶ NK	▶ PP	MN	NN	HDPE
6 mm • 1/8"	A6M-2	▶ NK	▶ PP	MN	NN	HDPE
6 mm • 5/32"	A6M-2.5	▶ NK	▶ PP	MN	NN	HDPE
6 mm • 3/16"	A6M-3	▶ NK	▶ PP	MN	NN	HDPE

1/8" to 1" Adapters - Following Page



Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Adapters - 1/8" to 1" NPT

RoHS Compliant



Quality System

USP Class VI

Adapters

Natural Materials



Animal Derivative Free

Animal Derivative Free

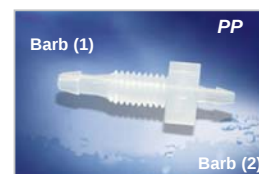
Thread - Barb	Part Number	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/16"	A2-1	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/32"	A2-1.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/8"	A2-2	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/32"	A2-2.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/16"	A2-3	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/4"	A2-4	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/16"	A2-5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/8"	A2-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/8"	A4-2	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/32"	A4-2.5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/16"	A4-3	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/4"	A4-4	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/16"	A4-5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/8"	A4-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/2"	A4-8	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/4"	A6-4	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 5/16"	A6-5	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 3/8"	A6-6	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/2"	A6-8	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/4"	A8-4	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 5/16"	A8-5	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/8"	A8-6	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/2"	A8-8	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 5/8"	A8-10	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/4"	A8-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/4"	A12-4	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/8"	A12-6	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/2"	A12-8	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 5/8"	A12-10	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/4"	A12-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1"	A12-16	▷ NK	▷ PP	NN	HDPE
1" NPT • 1"	A16-16	▷ NK	▷ PP	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

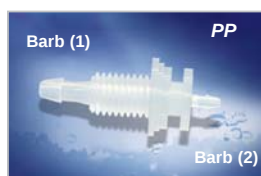
Adapters

Miniature Bulkhead
RoHS Compliant

▶ USP Class VI

Bulkhead Adapters

Barb - Barb 1 2	Part Number	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF Thread (No Flange)						
1/16" • 1/16"	BH 1032 1-1	▶ NK	▶ PP	MN	NN	HDPE
3/32" • 1/16"	BH 1032 1.5-1	▶ NK	▶ PP	MN	NN	HDPE
3/32" • 3/32"	BH 1032 1.5-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF Thread (No Flange)						
1/8" • 1/16"	BH 1428 2-1	▶ NK	▶ PP	MN	NN	HDPE
1/8" • 3/32"	BH 1428 2-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/8" • 1/8"	BH 1428 2-2	▶ NK	▶ PP	MN	NN	HDPE

**Bulkhead Adapters**

▶ USP Class VI

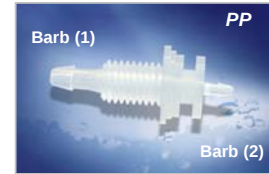
Barb - Barb 1 2	Part Number	▶ NK	▶ PP	MN	NN	HDPE
5/16-24 UNF Thread (With Flange)						
5/32" • 1/16"	BH 51624 2.5-1	▶ NK	▶ PP	MN	NN	HDPE
5/32" • 3/32"	BH 51624 2.5-1.5	▶ NK	▶ PP	MN	NN	HDPE
5/32" • 1/8"	BH 51624 2.5-2	▶ NK	▶ PP	MN	NN	HDPE
5/32" • 5/32"	BH 51624 2.5-2.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 1/16"	BH 51624 3-1	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/32"	BH 51624 3-1.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 1/8"	BH 51624 3-2	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 5/32"	BH 51624 3-2.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/16"	BH 51624 3-3	▶ NK	▶ PP	MN	NN	HDPE
1/8" Straight NPSM Thread (With Flange)						
3/16" • 1/16"	BH 2S 3-1	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/32"	BH 2S 3-1.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 1/8"	BH 2S 3-2	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 5/32"	BH 2S 3-2.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/16"	BH 2S 3-3	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 1/16"	BH 2S 4-1	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 3/32"	BH 2S 4-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 1/8"	BH 2S 4-2	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 5/32"	BH 2S 4-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 3/16"	BH 2S 4-3	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 1/4"	BH 2S 4-4	▶ NK	▶ PP	MN	NN	HDPE

Adapters - Miniature

Bulkhead
RoHS Compliant

▶ USP Class VI

Bulkhead Adapters



Animal Derivative Free

Animal Derivative Free

Barb - Barb 1 2	Part Number	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM Straight Thread (With Flange)						
3/16" • 1/16"	BH 4S 3-1	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/32"	BH 4S 3-1.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 1/8"	BH 4S 3-2	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 5/32"	BH 4S 3-2.5	▶ NK	▶ PP	MN	NN	HDPE
3/16" • 3/16"	BH 4S 3-3	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 1/16"	BH 4S 4-1	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 3/32"	BH 4S 4-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 1/8"	BH 4S 4-2	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 5/32"	BH 4S 4-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" • 3/16"	BH 4S 4-3	▶ NK	▶ PP	MN	NN	HDPE

Standard size Bulkhead Adapters page 21

90° Bulkhead - Miniature

RoHS Compliant

▶ USP Class VI

90° Bulkhead



Animal Derivative Free

Animal Derivative Free

Barb - Barb 1 2	Part Number	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF Thread (No Flange)						
3/32" • 1/16"	BHL 1032 1.5-1	▶ NK	▶ PP	MN	NN	HDPE
3/32" • 3/32"	BHL 1032 1.5-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF Thread (No Flange)						
1/8" • 1/16"	BHL 1428 2-1	▶ NK	▶ PP	MN	NN	HDPE
1/8" • 3/32"	BHL 1428 2-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/8" • 1/8"	BHL 1428 2-2	▶ NK	▶ PP	MN	NN	HDPE



90° Bulkhead - Miniature

RoHS Compliant

▶ USP Class VI

Animal Derivative Free

Animal Derivative Free

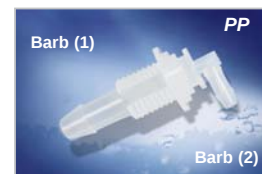
Barb - Barb 1 2	Part Number	▶ NK	▶ PP	MN	NN	HDPE
5/16-24 UNF Thread (With Flange)						
5/32" • 3/32"	BHL 51624 2.5-1.5	▶ NK	▶ PP	MN	NN	HDPE
5/32" • 1/8"	BHL 51624 2.5-2	▶ NK	▶ PP	MN	NN	HDPE
5/32" • 5/32"	BHL 51624 2.5-2.5	▶ NK	▶ PP	MN	NN	HDPE

90° Bulkhead - Miniature

(continued)

RoHS Compliant

▷ USP Class VI

90° Bulkhead

Barb - Barb 1 2	Part Number	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM Straight Thread (With Flange)						
1/4" • 3/32"	BHL 2S 4-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/8"	BHL 2S 4-2	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 5/32"	BHL 2S 4-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/16"	BHL 2S 4-3	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/4"	BHL 2S 4-4	▷ NK	▷ PP	MN	NN	HDPE
1/4" NPSM Straight Thread (With Flange)						
1/4" • 3/32"	BHL 4S 4-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/8"	BHL 4S 4-2	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 5/32"	BHL 4S 4-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/16"	BHL 4S 4-3	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/4"	BHL 4S 4-4	▷ NK	▷ PP	MN	NN	HDPE

Bulkhead Standard**Adapters - Bulkhead**

Standard

RoHS Compliant

▷ USP Class VI

ISO 9001
 Quality System


Barb - Barb 1 2	Part Number	▷ NK	▷ PP	NN	HDPE
1/4" NPSM Straight Thread (With Flange)					
1/4" • 1/4"	BH 4S 4-4	▷ NK	▷ PP	NN	HDPE
5/16" • 1/4"	BH 4S 5-4	▷ NK	▷ PP	NN	HDPE
5/16" • 5/16"	BH 4S 5-5	▷ NK	▷ PP	NN	HDPE
3/8" • 1/4"	BH 4S 6-4	▷ NK	▷ PP	NN	HDPE
3/8" • 5/16"	BH 4S 6-5	▷ NK	▷ PP	NN	HDPE
3/8" • 3/8"	BH 4S 6-6	▷ NK	▷ PP	NN	HDPE

Bulkhead & Panel Mount - Nuts

Thread Spec.	Part Number	Black Nylon	Natural Nylon
10-32 UNF Thread	HEX1032	HEX1032 BN	HEX1032 NN
1/4-28 UNF Thread	HEX1428	HEX1428 BN	HEX1428 NN
5/16-24 UNF Thread	HEX51624	HEX51624 BN	HEX51624 NN
1/8" NPSF Straight Thread	HEX1827	HEX1827 BN	HEX1827 NN
1/4" NPSF Straight Thread	G102-150	G102-150-78	G102-150-18

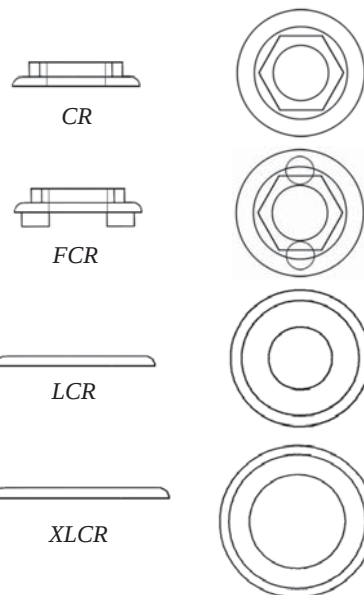
Bulkhead - Color Code Clips

Part Number	SCR BLN	SCR YN	SCR BN	SCR OR	SCR WN	SCR GN	SCR RN	SCRPN
Standard Bulkhead Clip Rings Fit Standard Size Bulkheads Only								
Material: Colored Nylon	Blue	Yellow	Black	Orange	White	Green	Red	Purple

Bulkhead & Panel Mount - Miniature - Color Code Mounting Rings

Color	(10-32) & (1/4-28) Threads		(1/8") & (5/16-24) & (1/4") Threads	
	CR	FCR	LCR	XLCR
	CR BLPP	FCR BLPP	LCR BLPP	XLCR BLPP
	CR YPP	FCR YPP	LCR YPP	XLCR YPP
	CR BPP	FCR BPP	LCR BPP	XLCR BPP
	CR OPP	FCR OPP	LCR OPP	XLCR OPP
	CR WPP	FCR WPP	LCR WPP	XLCR WPP
	CR GPP	FCR GPP	LCR GPP	XLCR GPP
	CR RPP	FCR RPP	LCR RPP	XLCR RPP
	CR PPP	FCR PPP	LCR PPP	XLCR PPP

colored polypropylene

**Adapter Panel Mount**

Miniature

RoHS Compliant

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Panel Mount

Thread - Barb	Part Number	▷ NK	▷ PP	MN	NN	HDPE
10-32 UNF Thread (No Flange)						
1032 UNF • 1/16"	PM 1032-1	▷ NK	▷ PP	MN	NN	HDPE
1032 UNF • 3/32"	PM 1032-1.5	▷ NK	▷ PP	MN	NN	HDPE
1032 UNF • 1/8"	PM 1032-2	▷ NK	▷ PP	MN	NN	HDPE
1032 UNF • 5/32"	PM 1032-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4-28 UNF Thread (No Flange)						
1/4-28 UNF • 1/16"	PM 1428-1	▷ NK	▷ PP	MN	NN	HDPE
1/4-28 UNF • 3/32"	PM 1428-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4-28 UNF • 1/8"	PM 1428-2	▷ NK	▷ PP	MN	NN	HDPE
1/4-28 UNF • 5/32"	PM 1428-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4-28 UNF • 3/16"	PM 1428-3	▷ NK	▷ PP	MN	NN	HDPE

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Adapter Panel Mount

Miniature
RoHS Compliant



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF Thread (With Flange)						
5/16-24 UNF • 1/16"	PM 51624-1	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF • 3/32"	PM 51624-1.5	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF • 1/8"	PM 51624-2	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF • 5/32"	PM 51624-2.5	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF • 3/16"	PM 51624-3	▷ NK	▷ PP	MN	NN	HDPE
5/16-24 UNF • 1/4"	PM 51624-4	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM Straight Thread (With Flange)						
1/8" NPSM • 1/16"	PM 2S-1	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM • 3/32"	PM 2S-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM • 1/8"	PM 2S-2	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM • 5/32"	PM 2S-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM • 3/16"	PM 2S-3	▷ NK	▷ PP	MN	NN	HDPE
1/8" NPSM • 1/4"	PM 2S-4	▷ NK	▷ PP	MN	NN	HDPE
1/4" NPSM Straight Thread (With Flange)						
1/4" NPSM • 1/16"	PM 4S-1	▷ NK	▷ PP	MN	NN	HDPE
1/4" NPSM • 3/32"	PM 4S-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" NPSM • 1/8"	PM 4S-2	▷ NK	▷ PP	MN	NN	HDPE

Adapter Panel Mounts

Standard Size
RoHS Compliant



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP	NN	HDPE
1/4" NPSM Straight Thread (With Flange)					
1/4" NPSM • 5/32"	PM 4S-2.5	▷ NK	▷ PP	NN	HDPE
1/4" NPSM • 3/16"	PM 4S-3	▷ NK	▷ PP	NN	HDPE
1/4" NPSM • 1/4"	PM 4S-4	▷ NK	▷ PP	NN	HDPE
1/4" NPSM • 5/16"	PM 4S-5	▷ NK	▷ PP	NN	HDPE
1/4" NPSM • 3/8"	PM 4S-6	▷ NK	▷ PP	NN	HDPE
1/4" NPSM • 1/2"	PM 4S-8	▷ NK	▷ PP	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

90° Panel Mount

Miniature
RoHS Compliant

▶ USP Class VI

90° Panel Mount

		Animal Derivative Free		Animal Derivative Free		
Thread - Barb	Part Number	▶ NK	▶ PP	MN	NN	HDPE
10-32 UNF Thread (No Flange)						
1032 UNF • 1/16"	PML 1032-1	▶ NK	▶ PP	MN	NN	HDPE
1032 UNF • 3/32"	PML 1032-1.5	▶ NK	▶ PP	MN	NN	HDPE
1032 UNF • 1/8"	PML 1032-2	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF Thread (No Flange)						
1/4-28 UNF • 1/16"	PML 1428-1	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 3/32"	PML 1428-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 1/8"	PML 1428-2	▶ NK	▶ PP	MN	NN	HDPE
1/4-28 UNF • 5/32"	PML 1428-2.5	▶ NK	▶ PP	MN	NN	HDPE

**90° Panel Mount****90° Panel Mount**

Miniature
RoHS Compliant

▶ USP Class VI

		Animal Derivative Free		Animal Derivative Free		
Thread - Barb	Part Number	▶ NK	▶ PP	MN	NN	HDPE
5/16-24 UNF Thread (With Flange)						
5/16-24 UNF • 3/32"	PML 51624-1.5	▶ NK	▶ PP	MN	NN	HDPE
5/16-24 UNF • 1/8"	PML 51624-2	▶ NK	▶ PP	MN	NN	HDPE
5/16-24 UNF • 5/32"	PML 51624-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/8" Straight NPSM Thread (With Flange)						
1/8" NPSM • 3/32"	PML 2S-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/8" NPSM • 1/8"	PML 2S-2	▶ NK	▶ PP	MN	NN	HDPE
1/8" NPSM • 5/32"	PML 2S-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/8" NPSM • 3/16"	PML 2S-3	▶ NK	▶ PP	MN	NN	HDPE
1/8" NPSM • 1/4"	PML 2S-4	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM Thread (With Flange)						
1/4" NPSM • 3/32"	PML 4S-1.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM • 1/8"	PML 4S-2	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM • 5/32"	PML 4S-2.5	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM • 3/16"	PML 4S-3	▶ NK	▶ PP	MN	NN	HDPE
1/4" NPSM • 1/4"	PML 4S-4	▶ NK	▶ PP	MN	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Couplers - Straight

RoHS Compliant

Couplers

Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	C0-1	▷ NK	▷ PP	NN	HDPE
3/32"	C0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	C0-2	▷ NK	▷ PP	NN	HDPE
5/32"	C0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	C0-3	▷ NK	▷ PP	NN	HDPE
1/4"	C0-4	▷ NK	▷ PP	NN	HDPE
5/16"	C0-5	▷ NK	▷ PP	NN	HDPE
3/8"	C0-6	▷ NK	▷ PP	NN	HDPE
1/2"	C0-8	▷ NK	▷ PP	NN	HDPE
5/8"	C0-10	▷ NK	▷ PP	NN	HDPE
3/4"	C0-12	▷ NK	▷ PP	NN	HDPE
1"	C0-16	▷ NK	▷ PP	NN	HDPE

Reducers

Couplers - Reduction

RoHS Compliant

Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



Barb Sizes	Part Number	▷ NK	▷ PP	NN	HDPE
3/32" • 1/16"	C1.5-1	▷ NK	▷ PP	NN	HDPE
1/8" • 1/16"	C2-1	▷ NK	▷ PP	NN	HDPE
1/8" • 3/32"	C2-1.5	▷ NK	▷ PP	NN	HDPE
5/32" • 1/16"	C2.5-1	▷ NK	▷ PP	NN	HDPE
5/32" • 3/32"	C2.5-1.5	▷ NK	▷ PP	NN	HDPE
5/32" • 1/8"	C2.5-2	▷ NK	▷ PP	NN	HDPE
3/16" • 1/16"	C3-1	▷ NK	▷ PP	NN	HDPE
3/16" • 3/32"	C3-1.5	▷ NK	▷ PP	NN	HDPE
3/16" • 1/8"	C3-2	▷ NK	▷ PP	NN	HDPE
3/16" • 5/32"	C3-2.5	▷ NK	▷ PP	NN	HDPE
1/4" • 1/16"	C4-1	▷ NK	▷ PP	NN	HDPE
1/4" • 3/32"	C4-1.5	▷ NK	▷ PP	NN	HDPE
1/4" • 1/8"	C4-2	▷ NK	▷ PP	NN	HDPE
1/4" • 5/32"	C4-2.5	▷ NK	▷ PP	NN	HDPE
1/4" • 3/16"	C4-3	▷ NK	▷ PP	NN	HDPE
5/16" • 5/32"	C5-2.5	▷ NK	▷ PP	NN	HDPE
5/16" • 1/4"	C5-4	▷ NK	▷ PP	NN	HDPE
3/8" • 1/8"	C6-2	▷ NK	▷ PP	NN	HDPE
3/8" • 5/32"	C6-2.5	▷ NK	▷ PP	NN	HDPE
3/8" • 1/4"	C6-4	▷ NK	▷ PP	NN	HDPE
1/2" • 5/16"	C6-5	▷ NK	▷ PP	NN	HDPE

Couplers - Reduction

RoHS Compliant (continued)

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Barb Sizes	Part Number	▷ NK	▷ PP	NN	HDPE
1/2" • 1/4"	C8-4	▷ NK	▷ PP	NN	HDPE
1/2" • 5/16"	C8-5	▷ NK	▷ PP	NN	HDPE
1/2" • 3/8"	C8-6	▷ NK	▷ PP	NN	HDPE
5/8" • 1/4"	C10-4	▷ NK	▷ PP	NN	HDPE
5/8" • 5/16"	C10-5	▷ NK	▷ PP	NN	HDPE
5/8" • 3/8"	C10-6	▷ NK	▷ PP	NN	HDPE
5/8" • 1/2"	C10-8	▷ NK	▷ PP	NN	HDPE
3/4" • 3/8"	C12-6	▷ NK	▷ PP	NN	HDPE
3/4" • 1/2"	C12-8	▷ NK	▷ PP	NN	HDPE
3/4" • 5/8"	C12-10	▷ NK	▷ PP	NN	HDPE
1" • 1/2"	C16-8	▷ NK	▷ PP	NN	HDPE
1" • 5/8"	C16-10	▷ NK	▷ PP	NN	HDPE
1" • 3/4"	C16-12	▷ NK	▷ PP	NN	HDPE



Cross Fittings - X's

RoHS Compliant

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	X0-1	▷ NK	▷ PP	NN	HDPE
3/32"	X0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	X0-2	▷ NK	▷ PP	NN	HDPE
5/32"	X0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	X0-3	▷ NK	▷ PP	NN	HDPE
1/4"	X0-4	▷ NK	▷ PP	NN	HDPE
3/8"	X0-6	▷ NK	▷ PP	NN	HDPE



Elbows - Equal

RoHS Compliant

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	L0-1	▷ NK	▷ PP	NN	HDPE
3/32"	L0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	L0-2	▷ NK	▷ PP	NN	HDPE
5/32"	L0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	L0-3	▷ NK	▷ PP	NN	HDPE



Reducers

Crosses

Elbows

Elbows - Equal

RoHS Compliant (continued)

▷ USP Class VI

Elbows



		Animal Derivative Free		Animal Derivative Free	
Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/4"	L0-4	▷ NK	▷ PP	NN	HDPE
5/16"	L0-5	▷ NK	▷ PP	NN	HDPE
3/8"	L0-6	▷ NK	▷ PP	NN	HDPE
1/2"	L0-8	▷ NK	▷ PP	NN	HDPE
5/8"	L0-10	▷ NK	▷ PP	NN	HDPE
3/4"	L0-12	▷ NK	▷ PP	NN	HDPE
1"	L0-16	▷ NK	▷ PP	NN	HDPE

Elbows - Miniature Reduction

RoHS Compliant

▷ USP Class VI

Reduction Elbows



		Animal Derivative Free		Animal Derivative Free	
Barb Sizes	Part Number	▷ NK	▷ PP	NN	HDPE
3/32" • 1/16"	RL1.5-1	▷ NK	▷ PP	NN	HDPE
1/8" • 1/16"	RL2-1	▷ NK	▷ PP	NN	HDPE
1/8" • 3/32"	RL2-1.5	▷ NK	▷ PP	NN	HDPE

		Animal Derivative Free		Animal Derivative Free		
Barb Sizes	Part Number	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 1/16"	RL2.5-1	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 3/32"	RL2.5-1.5	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 1/8"	RL2.5-2	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 1/16"	RL3-1	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 3/32"	RL3-1.5	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 1/8"	RL3-2	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 5/32"	RL3-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/16"	RL4-1	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/32"	RL4-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/8"	RL4-2	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 5/32"	RL4-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/16"	RL4-3	▷ NK	▷ PP	MN	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Elbows - Reduction

RoHS Compliant

Reduction Elbows

Natural Materials

ISO 9001
Quality System



▶ USP Class VI

Animal Derivative Free

Animal Derivative Free

Barb Sizes	Part Number	▶ NK	▶ PP	NN	HDPE
5/16" • 1/4"	RL5-4	▶ NK	▶ PP	NN	HDPE
3/8" • 1/4"	RL6-4	▶ NK	▶ PP	NN	HDPE
1/2" • 1/4"	RL8-4	▶ NK	▶ PP	NN	HDPE
1/2" • 3/8"	RL8-6	▶ NK	▶ PP	NN	HDPE

Elbows

Threaded Miniature
RoHS Compliant

Elbows-Threaded

10-32 UNF • 10-32 Taper • 1/4-28 UNF • 1/16" NPT



▶ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▶ NK	▶ PP	NN	HDPE
10-32 UNF • 1/16"	L1032-1	▶ NK	▶ PP	NN	HDPE
10-32 UNF • 3/32"	L1032-1.5	▶ NK	▶ PP	NN	HDPE
10-32 UNF • 1/8"	L1032-2	▶ NK	▶ PP	NN	HDPE
10-32 Taper • 1/16"	L1032T-1	▶ NK	▶ PP	NN	HDPE
10-32 Taper • 3/32"	L1032T-1.5	▶ NK	▶ PP	NN	HDPE
10-32 Taper • 1/8"	L1032T-2	▶ NK	▶ PP	NN	HDPE
1/4-28 UNF • 1/16"	L1428-1	▶ NK	▶ PP	NN	HDPE
1/4-28 UNF • 3/32"	L1428-1.5	▶ NK	▶ PP	NN	HDPE
1/4-28 UNF • 1/8"	L1428-2	▶ NK	▶ PP	NN	HDPE
1/4-28 UNF • 5/32"	L1428-2.5	▶ NK	▶ PP	NN	HDPE
1/4-28 UNF • 3/16"	L1428-3	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 1/16"	L1-1	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 3/32"	L1-1.5	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 1/8"	L1-2	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 5/32"	L1-2.5	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 3/16"	L1-3	▶ NK	▶ PP	NN	HDPE
1/16" NPT • 1/4"	L1-4	▶ NK	▶ PP	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Elbows - Metric Threaded Miniature RoHS Compliant

Metric Elbows



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 6 mm Metric Threads						
5 mm • 1/16"	L5M-1	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 3/32"	L5M-1.5	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 1/8"	L5M-2	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 5/32"	L5M-2.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 1/16"	L6M-1	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 3/32"	L6M-1.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 1/8"	L6M-2	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 5/32"	L6M-2.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 3/16"	L6M-3	▷ NK	▷ PP	MN	NN	HDPE

Elbows - Threaded 1/8" to 1" NPT RoHS Compliant

Elbows-Threaded



Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/16"	L2-1	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/32"	L2-1.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/8"	L2-2	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/32"	L2-2.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/16"	L2-3	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/4"	L2-4	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/16"	L2-5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/8"	L2-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/8"	L4-2	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/32"	L4-2.5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/16"	L4-3	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/4"	L4-4	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/16"	L4-5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/8"	L4-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/2"	L4-8	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/4"	L6-4	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 5/16"	L6-5	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 3/8"	L6-6	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/2"	L6-8	▷ NK	▷ PP	NN	HDPE

Elbows - Threaded

1/8" to 1" NPT
RoHS Compliant

Elbows-Threaded

Natural Materials



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/4"	L8-4	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/8"	L8-6	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/2"	L8-8	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 5/8"	L8-10	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/4"	L8-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/4"	L12-4	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/8"	L12-6	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/2"	L12-8	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 5/8"	L12-10	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/4"	L12-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1"	L12-16	▷ NK	▷ PP	NN	HDPE
1" NPT • 3/4"	L16-12	▷ NK	▷ PP	NN	HDPE
1" NPT • 1"	L16-16	▷ NK	▷ PP	NN	HDPE

Female Junctions

10-32F UNF
RoHS Compliant

Miniature Junctions

Female Threaded Junctions



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Female Thread - Style	Part Number	NK	▷ PP	MN	NN	HDPE
10-32F UNF • Straight	1032F-C	n/a	▷ PP	n/a	NN	n/a
10-32F UNF • Elbow	1032F-L	n/a	▷ PP	n/a	NN	n/a
10-32F UNF • Tee	1032F-T	n/a	▷ PP	n/a	NN	n/a
10-32F UNF • Cross	1032F-X	n/a	▷ PP	n/a	NN	n/a



For quick prototype, short run
and design customization

Garden Hose Adapter

RoHS Compliant

▷ USP Class VI

Garden Hose Thread

Natural Materials



Animal Derivative Free

Animal Derivative Free

Thread • Barb	Part Number	▷ NK	▷ PP	NN	HDPE
3/4" GH • 1/4"	A12GH-4	n/a	▷ PP	NN	HDPE
3/4" GH • 3/8"	A12GH-6	n/a	▷ PP	NN	HDPE
3/4" GH • 1/2"	A12GH-8	n/a	▷ PP	NN	HDPE
3/4" GH • 5/8"	A12GH-10	n/a	▷ PP	NN	HDPE
3/4" GH • 3/4"	A12GH-12	n/a	▷ PP	NN	HDPE
3/4" GH • 1"	A12GH-16	n/a	▷ PP	NN	HDPE

Nipples - UNF & NPT

RoHS Compliant

▷ USP Class VI

Pipe Nipples

Natural Materials



Animal Derivative Free

Animal Derivative Free

Thread Size	Part Number	▷ NK	▷ PP	NN	HDPE
10-32 UNF	N1032	▷ NK	▷ PP	NN	HDPE
1032 Taper	N1032T	▷ NK	▷ PP	NN	HDPE
1/8" NPT	N2	▷ NK	▷ PP	NN	HDPE
1/4" NPT	N4	▷ NK	▷ PP	NN	HDPE
3/8" NPT	N6	▷ NK	▷ PP	NN	HDPE
1/2" NPT	N8	▷ NK	▷ PP	NN	HDPE
3/4" NPT	N12	▷ NK	▷ PP	NN	HDPE
1" NPT	N16	▷ NK	▷ PP	NN	HDPE

Nipples

Reduction & Conversion
RoHS Compliant

▷ USP Class VI

Conversion Nipples

Natural Materials



Animal Derivative Free

Animal Derivative Free

Thread • Thread	Part Number	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 1/4-28 UNF	RN1-1428	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/16" NPT	RN2-1	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/8" NPT	RN4-2	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/8" NPT	RN6-2	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/4" NPT	RN6-4	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/8" NPT	RN8-2	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/4" NPT	RN8-4	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/8" NPT	RN8-6	▷ NK	▷ PP	NN	HDPE
1" NPT • 3/4" NPT	RN16-12	▷ NK	▷ PP	NN	HDPE

Plugs - Insert

RoHS Compliant

▷ USP Class VI

Insert Plugs

Natural Materials



Animal Derivative Free

Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	P0-1	▷ NK	▷ PP	NN	HDPE
3/32"	P0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	P0-2	▷ NK	▷ PP	NN	HDPE
5/32"	P0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	P0-3	▷ NK	▷ PP	NN	HDPE
1/4"	P0-4	▷ NK	▷ PP	NN	HDPE
3/8"	P0-6	▷ NK	▷ PP	NN	HDPE
1/2"	P0-8	▷ NK	▷ PP	NN	HDPE

Animal Derivative Free

Plugs - Threaded

Metric, UNF & NPT
RoHS Compliant

▷ USP Class VI

Threaded Plugs

Natural Materials



Animal Derivative Free

Thread Size	Part Number	▷ NK	▷ PP	NN	HDPE
5 mm (metric)	P5M	▷ NK	▷ PP	NN	HDPE
6 mm (metric)	P6M	▷ NK	▷ PP	NN	HDPE
10-32 UNF	P1032	▷ NK	▷ PP	NN	HDPE
10-32 Taper	P1032T	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF	P1428	▷ NK	▷ PP	NN	HDPE
1/16" NPT	P1	▷ NK	▷ PP	NN	HDPE
1/8" NPT	P2	▷ NK	▷ PP	NN	HDPE
1/4" NPT	P4	▷ NK	▷ PP	NN	HDPE
3/8" NPT	P6	▷ NK	▷ PP	NN	HDPE
1/2" NPT	P8	▷ NK	▷ PP	NN	HDPE
3/4" NPT	P12	▷ NK	▷ PP	NN	HDPE
1" NPT	P16	▷ NK	▷ PP	NN	HDPE

Animal Derivative Free

Tees - Equal Barb

RoHS Compliant

▷ USP Class VI

Tees

Natural Materials



Animal Derivative Free

Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	T0-1	▷ NK	▷ PP	NN	HDPE
3/32"	T0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	T0-2	▷ NK	▷ PP	NN	HDPE

Animal Derivative Free

Tees - Equal Barb

RoHS Compliant

Tees

Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



Barb Size	Part Number	▷ NK	▷ PP	NN	HDPE
5/32"	T0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	T0-3	▷ NK	▷ PP	NN	HDPE
1/4"	T0-4	▷ NK	▷ PP	NN	HDPE
5/16"	T0-5	▷ NK	▷ PP	NN	HDPE
3/8"	T0-6	▷ NK	▷ PP	NN	HDPE
1/2"	T0-8	▷ NK	▷ PP	NN	HDPE
5/8"	T0-10	▷ NK	▷ PP	NN	HDPE
3/4"	T0-12	▷ NK	▷ PP	NN	HDPE
1"	T0-16	▷ NK	▷ PP	NN	HDPE

Tees - Miniature Asymmetric

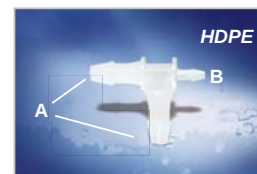
RoHS Compliant

Asymmetric Tees

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



Barbs (A) - Barb (B)	Part Number	▷ NK	▷ PP	NN	HDPE
3/32" • 1/16"	LRT1.5-1	▷ NK	▷ PP	NN	HDPE
1/8" • 3/32"	LRT2-1	▷ NK	▷ PP	NN	HDPE
1/8" • 3/32"	LRT2-1.5	▷ NK	▷ PP	NN	HDPE

Animal Derivative Free

Animal Derivative Free

Barbs (A) - Barb (B)	Part Number	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 1/16"	LRT2.5-1	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 3/32"	LRT2.5-1.5	▷ NK	▷ PP	MN	NN	HDPE
5/32" • 1/8"	LRT2.5-2	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 1/16"	LRT3-1	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 3/32"	LRT3-1.5	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 1/8"	LRT3-2	▷ NK	▷ PP	MN	NN	HDPE
3/16" • 5/32"	LRT3-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/16"	LRT4-1	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/32"	LRT4-1.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 1/8"	LRT4-2	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 5/32"	LRT4-2.5	▷ NK	▷ PP	MN	NN	HDPE
1/4" • 3/16"	LRT4-3	▷ NK	▷ PP	MN	NN	HDPE

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Tees - Miniature Reduction

RoHS Compliant

Tee Reductions

Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



(2) Run - (1) Leg	Part Number	▷ NK	▷ PP	NN	HDPE
1/16" • 3/32"	RT1-1.5	▷ NK	▷ PP	NN	HDPE
1/16" • 1/8"	RT1-2	▷ NK	▷ PP	NN	HDPE
1/16" • 5/32"	RT1-2.5	▷ NK	▷ PP	NN	HDPE
3/32" • 1/16"	RT1.5-1	▷ NK	▷ PP	NN	HDPE
3/32" • 1/8"	RT1.5-2	▷ NK	▷ PP	NN	HDPE
3/32" • 5/32"	RT1.5-2.5	▷ NK	▷ PP	NN	HDPE
3/32" • 3/16"	RT1.5-3	▷ NK	▷ PP	NN	HDPE
1/8" • 1/16"	RT2-1	▷ NK	▷ PP	NN	HDPE
1/8" • 3/32"	RT2-1.5	▷ NK	▷ PP	NN	HDPE
1/8" • 5/32"	RT2-2.5	▷ NK	▷ PP	NN	HDPE
1/8" • 3/16"	RT2-3	▷ NK	▷ PP	NN	HDPE
1/8" • 1/4"	RT2-4	▷ NK	▷ PP	NN	HDPE
5/32" • 1/16"	RT2.5-1	▷ NK	▷ PP	NN	HDPE
5/32" • 3/32"	RT2.5-1.5	▷ NK	▷ PP	NN	HDPE
5/32" • 1/8"	RT2.5-2	▷ NK	▷ PP	NN	HDPE
5/32" • 3/16"	RT2.5-3	▷ NK	▷ PP	NN	HDPE
5/32" • 1/4"	RT2.5-4	▷ NK	▷ PP	NN	HDPE
5/32" • 3/8"	RT2.5-6	▷ NK	▷ PP	NN	HDPE
3/16" • 1/16"	RT3-1	▷ NK	▷ PP	NN	HDPE
3/16" • 3/32"	RT3-1.5	▷ NK	▷ PP	NN	HDPE
3/16" • 1/8"	RT3-2	▷ NK	▷ PP	NN	HDPE
3/16" • 5/32"	RT3-2.5	▷ NK	▷ PP	NN	HDPE
3/16" • 1/4"	RT3-4	▷ NK	▷ PP	NN	HDPE
1/4" • 1/16"	RT4-1	▷ NK	▷ PP	NN	HDPE
1/4" • 3/32"	RT4-1.5	▷ NK	▷ PP	NN	HDPE
1/4" • 1/8"	RT4-2	▷ NK	▷ PP	NN	HDPE
1/4" • 5/32"	RT4-2.5	▷ NK	▷ PP	NN	HDPE
1/4" • 3/16"	RT4-3	▷ NK	▷ PP	NN	HDPE

Tees - Reduction

Standard Size
RoHS Compliant

Tee Reductions

Natural Materials

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free



(2) Run - (1) Leg	Part Number	▷ NK	▷ PP	NN	HDPE
1/4" • 3/8"	RT4-6	▷ NK	▷ PP	NN	HDPE
1/4" • 5/8"	RT4-10	▷ NK	▷ PP	NN	HDPE
3/8" • 5/32"	RT6-2.5	▷ NK	▷ PP	NN	HDPE

Tees - Reduction
Standard (continued)
RoHS Compliant

Tee Reductions



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

(2) Run - (1) Leg	Part Number	▷ NK	▷ PP	NN	HDPE
3/8" • 1/4"	RT6-4	▷ NK	▷ PP	NN	HDPE
1/2" • 1/4"	RT8-4	▷ NK	▷ PP	NN	HDPE
1/2" • 5/16"	RT8-5	▷ NK	▷ PP	NN	HDPE
1/2" • 3/8"	RT8-6	▷ NK	▷ PP	NN	HDPE
5/8" • 5/16"	RT10-5	▷ NK	▷ PP	NN	HDPE
5/8" • 3/8"	RT10-6	▷ NK	▷ PP	NN	HDPE
3/4" • 3/8"	RT12-6	▷ NK	▷ PP	NN	HDPE
3/4" • 1/2"	RT12-8	▷ NK	▷ PP	NN	HDPE
3/4" • 5/8"	RT12-10	▷ NK	▷ PP	NN	HDPE
1" • 5/8"	RT16-10	▷ NK	▷ PP	NN	HDPE

Tees - Threaded Miniature
RoHS Compliant

Tees-Threaded



10-32 UNF • 10-32 Taper • 1/4-28 UNF • 1/16" NPT

▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barbs	Part Number	▷ NK	▷ PP	NN	HDPE
10-32 UNF • 1/16"	T1032-1	▷ NK	▷ PP	NN	HDPE
10-32 UNF • 3/32"	T1032-1.5	▷ NK	▷ PP	NN	HDPE
10-32 UNF • 1/8"	T1032-2	▷ NK	▷ PP	NN	HDPE
10-32 UNF • 5/32"	T1032-2.5	▷ NK	▷ PP	NN	HDPE
10-32 Taper • 1/16"	T1032T-1	▷ NK	▷ PP	NN	HDPE
10-32 Taper • 3/32"	T1032T-1.5	▷ NK	▷ PP	NN	HDPE
10-32 Taper • 1/8"	T1032T-2	▷ NK	▷ PP	NN	HDPE
10-32 Taper • 5/32"	T1032T-2.5	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF • 1/16"	T1428-1	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF • 3/32"	T1428-1.5	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF • 1/8"	T1428-2	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF • 5/32"	T1428-2.5	▷ NK	▷ PP	NN	HDPE
1/4-28 UNF • 3/16"	T1428-3	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 1/16"	T1-1	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 3/32"	T1-1.5	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 1/8"	T1-2	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 3/32"	T1-2.5	▷ NK	▷ PP	NN	HDPE
1/16" NPT • 3/16"	T1-3	▷ NK	▷ PP	NN	HDPE

Tees - Threaded

Tees - Metric
Threaded Miniature
RoHS Compliant

Metric



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barbs	Part Number	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 6 mm Metric Threads						
5 mm • 1/16"	T5M-1	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 3/32"	T5M-1.5	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 1/8"	T5M-2	▷ NK	▷ PP	MN	NN	HDPE
5 mm • 5/32"	T5M-2.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 1/16"	T6M-1	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 3/32"	T6M-1.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 1/8"	T6M-2	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 5/32"	T6M-2.5	▷ NK	▷ PP	MN	NN	HDPE
6 mm • 3/16"	T6M-3	▷ NK	▷ PP	MN	NN	HDPE

Tees - Threaded
1/8" to 1" NPT
RoHS Compliant

Tees - Threaded



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barbs	Part Number	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/16"	T2-1	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/32"	T2-1.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/8"	T2-2	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/32"	T2-2.5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/16"	T2-3	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 1/4"	T2-4	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 5/16"	T2-5	▷ NK	▷ PP	NN	HDPE
1/8" NPT • 3/8"	T2-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/8"	T4-2	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/32"	T4-2.5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/16"	T4-3	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/4"	T4-4	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 5/16"	T4-5	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 3/8"	T4-6	▷ NK	▷ PP	NN	HDPE
1/4" NPT • 1/2"	T4-8	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/4"	T6-4	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 5/16"	T6-5	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 3/8"	T6-6	▷ NK	▷ PP	NN	HDPE
3/8" NPT • 1/2"	T6-8	▷ NK	▷ PP	NN	HDPE

Tees - Threaded
1/8" to 1" NPT (continued)
RoHS Compliant

Tees-Threaded



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Thread - Barbs	Part Number	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/4"	T8-4	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/8"	T8-6	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 1/2"	T8-8	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 5/8"	T8-10	▷ NK	▷ PP	NN	HDPE
1/2" NPT • 3/4"	T8-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/4"	T12-4	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/8"	T12-6	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1/2"	T12-8	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 5/8"	T12-10	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 3/4"	T12-12	▷ NK	▷ PP	NN	HDPE
3/4" NPT • 1"	T12-16	▷ NK	▷ PP	NN	HDPE
1" NPT • 3/4"	T16-12	▷ NK	▷ PP	NN	HDPE
1" NPT • 1"	T16-16	▷ NK	▷ PP	NN	HDPE

Y-Connectors
RoHS Compliant

Y Connectors



▷ USP Class VI

Animal Derivative Free

Animal Derivative Free

Size	Part Number	▷ NK	▷ PP	NN	HDPE
1/16"	Y0-1	▷ NK	▷ PP	NN	HDPE
3/32"	Y0-1.5	▷ NK	▷ PP	NN	HDPE
1/8"	Y0-2	▷ NK	▷ PP	NN	HDPE
5/32"	Y0-2.5	▷ NK	▷ PP	NN	HDPE
3/16"	Y0-3	▷ NK	▷ PP	NN	HDPE
1/4"	Y0-4	▷ NK	▷ PP	NN	HDPE
5/16"	Y0-5	▷ NK	▷ PP	NN	HDPE
3/8"	Y0-6	▷ NK	▷ PP	NN	HDPE
1/2"	Y0-8	▷ NK	▷ PP	NN	HDPE
5/8"	Y0-10	▷ NK	▷ PP	NN	HDPE
3/4"	Y0-12	▷ NK	▷ PP	NN	HDPE
1"	Y0-16	▷ NK	▷ PP	NN	HDPE

Y-Reductions on following page

Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Y-Reductions

RoHS Compliant

Y Reductions



▶ USP Class VI

Animal Derivative Free

Animal Derivative Free

(2) Barbs - (1) Barb	Part Number	▶ NK	▶ PP	NN	HDPE
1/8" • 1/4"	RY2-4	▶ NK	▶ PP	NN	HDPE
3/16" • 5/16"	RY3-5	▶ NK	▶ PP	NN	HDPE
1/4" • 3/8"	RY4-6	▶ NK	▶ PP	NN	HDPE
3/8" • 1/2"	RY6-8	▶ NK	▶ PP	NN	HDPE
1/2" • 5/8"	RY8-10	▶ NK	▶ PP	NN	HDPE
5/8" • 3/4"	RY10-12	▶ NK	▶ PP	NN	HDPE
3/4" • 1"	RY12-16	▶ NK	▶ PP	NN	HDPE



Quality System

Natural Materials Fitting Kits - See Pages: 66-69

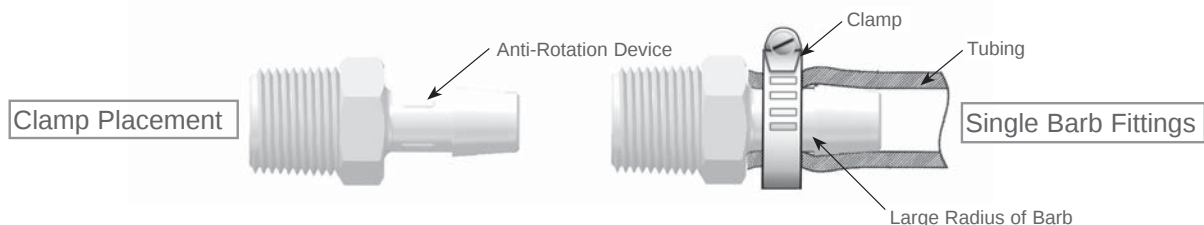


Eldon James offers a selected range of commonly specified fittings sizes arranged in 27 different kits. The kits are available Black Nylon, as well as in the following Natural Materials: Polypropylene, Polyethylene (white HDPE) and Natural Kynar®.

Clamping Solutions - See Pages: 63-65



Eldon James stocks one of the largest assortments of clamp sizes in the USA. In addition, a variety of special purpose sizes and styles are available as special order items.



Kynar® NK	White Medical Nylon MN	Natural Nylon MN
Animal Derivative Free Polypropylene PP	High Density Polyethylene HDPE	

Adapters

BSPT RoHS Compliant

▶ USP Class VI



British Threaded - BSPT Fittings

Adapters



Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▶ NK	▶ PP	NN	HDPE
1/8" BSPT • 1/8"	A2B-2	▶ NK	▶ PP	NN	HDPE
1/8" BSPT • 5/32"	A2B-2.5	▶ NK	▶ PP	NN	HDPE
1/8" BSPT • 1/4"	A2B-4	▶ NK	▶ PP	NN	HDPE
1/8" BSPT • 5/16"	A2B-5	▶ NK	▶ PP	NN	HDPE
1/8" BSPT • 3/8"	A2B-6	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 1/8"	A4B-2	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 5/32"	A4B-2.5	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 3/16"	A4B-3	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 1/4"	A4B-4	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 5/16"	A4B-5	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 3/8"	A4B-6	▶ NK	▶ PP	NN	HDPE
1/4" BSPT • 1/2"	A4B-8	▶ NK	▶ PP	NN	HDPE
3/8" BSPT • 1/4"	A6B-4	▶ NK	▶ PP	NN	HDPE
3/8" BSPT • 5/16"	A6B-5	▶ NK	▶ PP	NN	HDPE
3/8" BSPT • 3/8"	A6B-6	▶ NK	▶ PP	NN	HDPE
3/8" BSPT • 1/2"	A6B-8	▶ NK	▶ PP	NN	HDPE

Plugs

BSPT RoHS Compliant

▶ USP Class VI



British Threaded - BSPT Fittings

Plugs



Animal Derivative Free

Animal Derivative Free

Thread Size	Part Number	▶ NK	▶ PP	NN	HDPE
1/8" BSPT	P2B	▶ NK	▶ PP	NN	HDPE
1/4" BSPT	P4B	▶ NK	▶ PP	NN	HDPE
3/8" BSPT	P6B	▶ NK	▶ PP	NN	HDPE

Size	Threads / Inch	Approximate Thread Pitch	Length of Useful Threads
1/8" BSPT	28	.0357 Inches	.250 Inches
1/4" BSPT	19	.0526 Inches	.380 Inches
3/8" BSPT	19	.0526 Inches	.390 Inches

BSPT - British Standard Pipe Thread Tapered

BSPT threads are based on the Whitworth thread form, which is designed to provide a pressure-tight fit through mating of the threads. This is accomplished by cutting the threads on a taper. Because they are tapered, the thread can only screw into the companion female thread a certain distance before it jams. The standard specifies this distance as a length based on hand-tight engagement; however, a convenient rule-of-thumb for plastic threads is: finger-tight plus 1/2 to 1 turn with a wrench. Do not over-tighten plastic threads - stress on the fitting can result in its failure.



Elbows - Threaded BSPT RoHS Compliant

▷ USP Class VI



British Threaded - BSPT Fittings

Elbows



Thread - Barb	Part Number	Animal Derivative Free	Animal Derivative Free	NN	HDPE
1/8" BSPT • 1/8"	L2B-2	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 5/32"	L2B-2.5	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 1/4"	L2B-4	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 5/16"	L2B-5	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 3/8"	L2B-6	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 1/8"	L4B-2	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 5/32"	L4B-2.5	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 3/16"	L4B-3	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 1/4"	L4B-4	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 5/16"	L4B-5	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 3/8"	L4B-6	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 1/2"	L4B-8	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 1/4"	L6B-4	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 5/16"	L6B-5	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 3/8"	L6B-6	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 1/2"	L6B-8	▷ NK	▷ PP	NN	HDPE

Tees - Threaded BSPT RoHS Compliant

▷ USP Class VI



British Threaded - BSPT Fittings

Tees



Thread - Barbs	Part Number	Animal Derivative Free	Animal Derivative Free	NN	HDPE
1/8" BSPT • 5/32"	T2B-2.5	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 1/4"	T2B-4	▷ NK	▷ PP	NN	HDPE
1/8" BSPT • 3/8"	T2B-6	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 5/32"	T4B-2.5	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 3/16"	T4B-3	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 1/4"	T4B-4	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 5/16"	T4B-5	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 3/8"	T4B-6	▷ NK	▷ PP	NN	HDPE
1/4" BSPT • 1/2"	T4B-8	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 1/4"	T6B-4	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 5/16"	T6B-5	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 3/8"	T6B-6	▷ NK	▷ PP	NN	HDPE
3/8" BSPT • 1/2"	T6B-8	▷ NK	▷ PP	NN	HDPE

AdaptersSchedule 80
RoHS Compliant

S80

Schedule 80 Fittings

▷ USP Class VI

Natural Materials

Animal Derivative Free

Animal Derivative Free

Thread - Barb	Part Number	▷ NK	▷ PP
1/4" NPT • 1/4"	A4-4 S80	▷ NK	▷ PP
1/4" NPT • 3/8"	A4-6 S80	▷ NK	▷ PP
1/4" NPT • 1/2"	A4-8 S80	▷ NK	▷ PP
3/8" NPT • 1/4"	A6-4 S80	▷ NK	▷ PP
3/8" NPT • 3/8"	A6-6 S80	▷ NK	▷ PP
3/8" NPT • 1/2"	A6-8 S80	▷ NK	▷ PP
1/2" NPT • 1/4"	A8-4 S80	▷ NK	▷ PP
1/2" NPT • 3/8"	A8-6 S80	▷ NK	▷ PP
1/2" NPT • 1/2"	A8-8 S80	▷ NK	▷ PP
3/4" NPT • 1/4"	A12-4 S80	▷ NK	▷ PP
3/4" NPT • 3/8"	A12-6 S80	▷ NK	▷ PP
3/4" NPT • 1/2"	A12-8 S80	▷ NK	▷ PP
3/4" NPT • 3/4"	A12-12 S80	▷ NK	▷ PP
1" NPT • 1"	A16-16 S80	▷ NK	▷ PP

Plugs - Schedule 80

RoHS Compliant



Animal Derivative Free

Animal Derivative Free

Thread	Part Number	▷ NK	▷ PP
1/4" NPT	P4 S80	▷ NK	▷ PP
3/8" NPT	P6 S80	▷ NK	▷ PP
1/2" NPT	P8 S80	▷ NK	▷ PP
3/4" NPT	P12 S80	▷ NK	▷ PP

Nipples - Schedule 80

RoHS Compliant



Animal Derivative Free

Animal Derivative Free

Thread	Part Number	▷ NK	▷ PP
1/4" NPT	N4 S80	▷ NK	▷ PP
3/8" NPT	N6 S80	▷ NK	▷ PP
1/2" NPT	N8 S80	▷ NK	▷ PP
3/4" NPT	N12 S80	▷ NK	▷ PP

Standard Adapter



Thicker Wall

Schedule 80 Adapter

Schedule 80 fittings are more robust than fittings with a standard wall thickness, making them more suitable for applications using higher pressure.