



PLASTIC ORIFICES

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Reliable. Lightweight. Cost-effective. Discover why our precision plastic orifices are trusted in flow-critical systems across industries—request your quote today!

NSS SERIES- ORIFICE



Synthetic Sapphire Orifice pressed in a Nylon housing of .125" or .134" OD. The standard orifice size is .0012" to .0252" diameter.

AO-IG SERIES



AO-IG Series is a thread-to-barb fitting made of FDA-approved Polysulfone with an integral precision orifice. The threads are 10-32 inch male UNF threads and the barbs are either 1/8 inch or 1/16 inch. The maximum operating pressure is 100 psi.

SKU	Description
AO-IG-10X1B-004	10-32 inch Male UNF by 1/16 inch, .004 Polysulfone Adapter Orifice
AO-IG-10X1B-005	10-32 inch Male UNF by 1/16 inch, .005 Polysulfone Adapter Orifice
AO-IG-10X1B-006	10-32 inch Male UNF by 1/16 inch, .006 Polysulfone Adapter Orifice
AO-IG-10X1B-007	10-32 inch Male UNF by 1/16 inch, .007 Polysulfone Adapter Orifice
AO-IG-10X1B-010	10-32 inch Male UNF by 1/16 inch, .010 Polysulfone Adapter Orifice
AO-IG-10X1B-012	10-32 inch Male UNF by 1/16 inch, .012 Polysulfone Adapter Orifice
AO-IG-10X1B-016	10-32 inch Male UNF by 1/16 inch, .016 Polysulfone Adapter Orifice
AO-IG-10X1B-020	10-32 inch Male UNF by 1/16 inch, .020 Polysulfone Adapter Orifice
AO-IG-10X1B-025	10-32 inch Male UNF by 1/16 inch, .025 Polysulfone Adapter Orifice
AO-IG-10X1B-030	10-32 inch Male UNF by 1/16 inch, .030 Polysulfone Adapter Orifice

SKU	Description
AO-IG-10X1B-040	10-32 inch Male UNF by 1/16 inch, .040 Polysulfone Adapter Orifice
AO-IG-10X2B-004	10-32 inch Male UNF by 1/8 inch, .004 Polysulfone Adapter Orifice
AO-IG-10X2B-005	10-32 inch Male UNF by 1/8 inch, .005 Polysulfone Adapter Orifice
AO-IG-10X2B-006	10-32 inch Male UNF by 1/8 inch, .006 Polysulfone Adapter Orifice
AO-IG-10X2B-007	10-32 inch Male UNF by 1/8 inch, .007 Polysulfone Adapter Orifice
AO-IG-10X2B-010	10-32 inch Male UNF by 1/8 inch, .010 Polysulfone Adapter Orifice
AO-IG-10X2B-012	10-32 inch Male UNF by 1/8 inch, .012 Polysulfone Adapter Orifice
AO-IG-10X2B-016	10-32 inch Male UNF by 1/8 inch, .016 Polysulfone Adapter Orifice
AO-IG-10X2B-020	10-32 inch Male UNF by 1/8 inch, .020 Polysulfone Adapter Orifice
AO-IG-10X2B-025	10-32 inch Male UNF by 1/8 inch, .025 Polysulfone Adapter Orifice
AO-IG-10X2B-030	10-32 inch Male UNF by 1/8 inch, .030 Polysulfone Adapter Orifice
AO-IG-10X2B-040	10-32 inch Male UNF by 1/8 inch, .040 Polysulfone Adapter Orifice



IRT 2B



IRT 1B



IRT-S

IRT SERIES

Our series of IRT and IRT-S orifices are made of FDA Polycarbonate resin. 2 barb sizes and 1 non barbed sizes are available; 1/16 (5/64 inch) straight shaft; IRT-S, a 1/16 barbed and a 1/8 barbed orifice IRT 1B and 2B. The operating pressure is 100 psi with a repeatable flow of 3% plus or minus. 1/16 and 1/8 barbs have a stainless pre-filter to protect the orifice. Available in seventeen different color-coded orifice sizes as follows: .003 is Gold, .004 is Purple, .005 is White, .007 is Yellow, .008 is Light Green, .009 is Lavender, .010 is Light Blue, .012 is Dark Green, .014 is Orange, .016 is Gray, .017 is Brown, .019 is Red, .020 is Dark Blue, .025 is Black, .030 is Beige, .035 is Dark Gray, and .040 is Teal. Used to slow down air flow in applications in medical devices.

SKU	Description
IRT-S-003	1/16 inch .003 Gold Polycarbonate - No Filter Orifice
IRT-S-004	1/16 inch .004 Purple Polycarbonate - No Filter Orifice
IRT-S-005	1/16 inch .005 White Polycarbonate - No Filter Orifice
IRT-S-007	1/16 inch .007 Yellow Polycarbonate - No Filter Orifice
IRT-S-008	1/16 inch .008 Light Green Polycarbonate - No Filter Orifice
IRT-S-009	1/16 inch .009 Lavender Polycarbonate - No Filter Orifice
IRT-S-010	1/16 inch .010 Light Blue Polycarbonate - No Filter Orifice
IRT-S-012	1/16 inch .012 Dark Green Polycarbonate - No Filter Orifice
IRT-S-014	1/16 inch .014 Orange Polycarbonate - No Filter Orifice
IRT-S-016	1/16 inch .016 Gray Polycarbonate - No Filter Orifice

SKU	Description
IRT-S-017	1/16 inch .017 Brown Polycarbonate - No Filter Orifice
IRT-S-019	1/16 inch .019 Red Polycarbonate - No Filter Orifice
IRT-S-020	1/16 inch .020 Dark Blue Polycarbonate - No Filter Orifice
IRT-S-025	1/16 inch .025 Black Polycarbonate - No Filter Orifice
IRT-S-030	1/16 inch .030 Beige Polycarbonate - No Filter Orifice
IRT-S-035	1/16 inch .035 Dark Gray Polycarbonate - No Filter Orifice
IRT-S-040	1/16 inch .040 Teal Polycarbonate - No Filter Orifice
IRT-1B-003	1/16 Barb .003 Polycarbonate 5 Micron Filter Gold Orifice
IRT-1B-004	1/16 Barb .004 Polycarbonate 5 Micron Filter Purple Orifice
IRT-1B-004-NF	1/16 Barb .004 Polycarbonate No Filter Purple Orifice
IRT-1B-005	1/16 Barb .005 Polycarbonate 5 Micron Filter White Orifice
IRT-1B-007	1/16 Barb .007 Polycarbonate 5 Micron Filter Yellow Orifice
IRT-1B-008	1/16 Barb .008 Polycarbonate 5 Micron Filter Lt Green Orifice
IRT-1B-009	1/16 Barb .009 Polycarbonate 5 Micron Filter Lavender Orifice
IRT-1B-010	1/16 Barb .010 Polycarbonate 100 Micron Filter Lt Blue Orifice
IRT-1B-012	1/16 Barb .012 Polycarbonate 100 Micron Filter Green Orifice
IRT-1B-014	1/16 Barb .014 Polycarbonate 100 Micron Filter Orange Orifice
IRT-1B-016	1/16 Barb .016 Polycarbonate 100 Micron Filter Gray Orifice
IRT-1B-017	1/16 Barb .017 Polycarbonate 100 Micron Filter Brown Orifice
IRT-1B-019	1/16 Barb .019 Polycarbonate 100 Micron Filter Red Orifice
IRT-1B-020	1/16 Barb .020 Polycarbonate 100 Micron Filter Dk Blue Orifice
IRT-1B-025	1/16 Barb .025 Polycarbonate 100 Micron Filter Black Orifice
IRT-1B-030	1/16 Barb .030 Polycarbonate 100 Micron Filter Beige Orifice
IRT-1B-035	1/16 Barb .035 Polycarbonate 100 Micron Filter Dk Gray Orifice
IRT-1B-040	1/16 Barb .040 Polycarbonate 100 Micron Filter Teal Orifice
IRT-2B-003	1/8 Barb .003 Polycarbonate 5 Micron Filter Gold Orifice
IRT-2B-004	1/8 Barb .004 Polycarbonate 5 Micron Filter Purple Orifice
IRT-2B-005	1/8 Barb .005 Polycarbonate 5 Micron Filter White Orifice
IRT-2B-007	1/8 Barb .007 Polycarbonate 5 Micron Filter Yellow Orifice
IRT-2B-008	1/8 Barb .008 Polycarbonate 5 Micron Filter Lt Green Orifice
IRT-2B-009	1/8 Barb .009 Polycarbonate 5 Micron Filter Lavender Orifice
IRT-2B-010	1/8 Barb .010 Polycarbonate 100 Micron Filter Lt Blue Orifice
IRT-2B-012	1/8 Barb .012 Polycarbonate 100 Micron Filter Green Orifice
IRT-2B-014	1/8 Barb .014 Polycarbonate 100 Micron Filter Orange Orifice
IRT-2B-016	1/8 Barb .016 Polycarbonate 100 Micron Filter Gray Orifice
IRT-2B-017	1/8 Barb .017 Polycarbonate 100 Micron Filter Brown Orifice
IRT-2B-019	1/8 Barb .019 Polycarbonate 100 Micron Filter Red Orifice
IRT-2B-020	1/8 Barb .020 Polycarbonate 100 Micron Filter Dk Blue Orifice
IRT-2B-025	1/8 Barb .025 Polycarbonate 100 Micron Filter Black Orifice
IRT-2B-030	1/8 Barb .030 Polycarbonate 100 Micron Filter Beige Orifice
IRT-2B-035	1/8 Barb .035 Polycarbonate 100 Micron Filter Dk Gray Orifice
IRT-2B-040	1/8 Barb .040 Polycarbonate 100 Micron Filter Teal Orifice

