

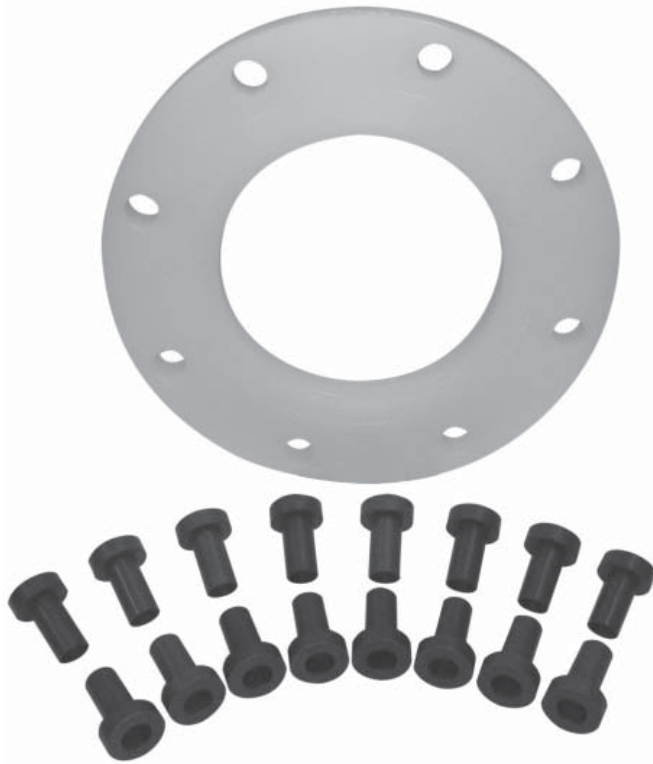


NEW PRODUCTS

Flange Insulating Joints

80-1A-0708

Spears® thermoplastic Insulating Joints (IJ) are engineered to provide complete dielectric insulation between dissimilar metal-to-metal flanged connections to protect systems from damaging electrolysis.



Flange Insulating Joints - Class 150 Bolt Pattern

PP Flange Spacer with PVC Bolt Isolators

Size = Nominal Flange Diameter x Thickness (in.)
300 psi Maximum Internal Pressure Rating @ 73°F (23°C)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
IJ-030-010P	3X1	1	0	016	386.72
IJ-040-010P	4X1	1	0	016	432.08
IJ-060-010P	6X1	1	0	016	513.58
IJ-080-010P	8X1	1	0	016	596.04
IJ-100-010P	10X1	1	0	016	1211.45
IJ-120-010P	12X1	1	0	016	1312.12
IJ-140-010P	14X1	1	0	016	1700.22
IJ-160-010P	16X1	1	0	016	2160.48
IJ-180-010P	18X1	1	0	016	2891.99
IJ-200-010P	20X1	1	0	016	3733.52
IJ-240-010P	24X1	1	0	016	5185.18

- **Non-conductive, High Impact Polypropylene Flange Spacer**

Spears® Dielectric Insulating Joints are designed around a 1" thick, non-conductive Polypropylene (PP) flange spacer to provide high impact resistance and superior compressive strength under high torque flange connection applications. Spacers incorporate a ribbed surface to improve gasket retention over that of smooth-faced flange designs. Bolt patterns conform to ANSI B 16.5, Class 150 or Class 300.

- **2-Piece PVC Bolt Isolators**

Spears® 2-Piece Bolt Isolators prevent metal contact within each flange bolt hole and surface.

- **Pressure Rated to 300 psi @ 73°**

- **NSF Certified for Use With Potable Water**

Flange Insulating Joints - Class 300 Bolt Pattern

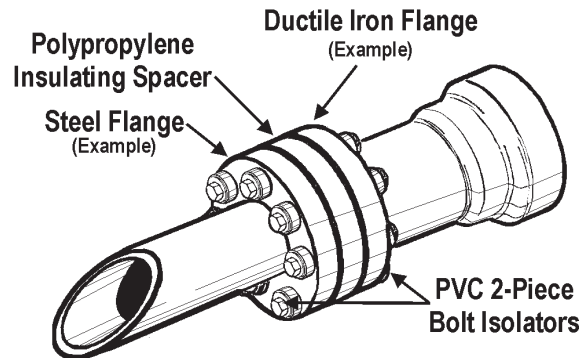
PP Flange Spacer with PVC Bolt Isolators

Size = Nominal Flange Diameter x Thickness (in.)
300 psi Maximum Internal Pressure Rating @ 73°F (23°C)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
IJ300-030-010P	3X1	1	0	016	569.70
IJ300-040-010P	4X1	1	0	016	633.62
IJ300-060-010P	6X1	1	0	016	970.52
IJ300-080-010P	8X1	1	0	016	1210.76
IJ300-100-010P	10X1	1	0	016	2008.60
IJ300-120-010P	12X1	1	0	016	2639.52
IJ300-140-010P	14X1	1	0	016	3325.14
IJ300-160-010P	16X1	1	0	016	3545.68
IJ300-180-010P	18X1	1	0	016	4431.25
IJ300-200-010P	20X1	1	0	016	5133.98
IJ300-240-010P	24X1	1	0	016	6303.62

TYPICAL APPLICATION

Insulating Joints consist of a PP 1" flange spacer and 2-piece PVC isolators for each flange bolt. Insulating Joints are available for nominal pipeline sizes of 3" through 24". Larger sizes and custom spacer thickness produced to specifications.



Sample Engineering Specification

Thermoplastic Insulating Joints for installation between two (2) flat-faced metal flange components shall be an approved design consisting of a Polypropylene flange spacer and a set of PVC bolt isolators for each flange bolt required. Spacer bolt pattern shall conform to ANSI B16.5 for Class 150 or Class 300 flanges as applicable to specified nominal IPS pipe size. Insulating Joint shall be pressure rated (PR) to 300 psi @ 73°F. All Insulating Joints shall be Certified by NSF International for use in potable water service, as manufactured by Spears® Manufacturing Company.

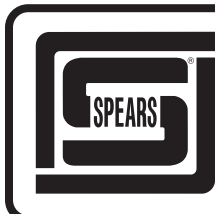
Note: Must be installed with user supplied full-face elastomer gasket, nuts, bolts, and washers as applicable.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Prices subject to change without notice. Possession of this price schedule shall not be construed as an offer to sell the products listed.

Product drawing(s) & photo(s) are representative and may not fully reflect product configuration.

Progressive Products From Spears® Innovation & Technology



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