

BONDABLE

HROMalytic

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JUNCTION BLOCKS
PG-65



ACCESSORIES
PG-66



BARBS
PG-66



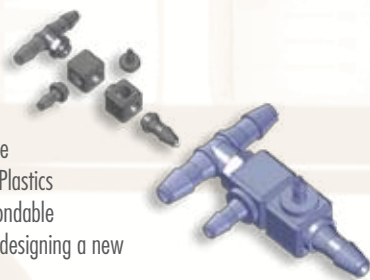
THREADS
PG-67



Affordable R&D Solutions:

Design Your New Component with Bondables!

If you require a custom component for a new application but need to experiment with different configurations before specifying the design, Value Plastics offers a full line of solvent bondable components that help make designing a new fitting easier than ever.



Our solvent bondable components are available in both Polysulfone and White ABS. Combine junction blocks, luers, threaded or barbed components to create fittings or build manifolds for your specific applications. The combination of components is limited only by your imagination.

Looking for a quick assortment of Bondables to get started? Our Bondable Designer Kits provide an array of fittings to help jump-start the R&D process.

BONDING SUGGESTIONS

Prior to actually bonding, press together a model of the manifold to use as a reference.

Do not mix plastic resins. Consult your adhesive specialist if you need to bond dissimilar materials.

These components are designed for bonding with any one of a number of solvents, but other adhesive systems may be used. When solvent bonding, use a very small gauge needle (typically 27 or 30) for best solvent control. Consult your adhesive specialist for guidance on other systems.

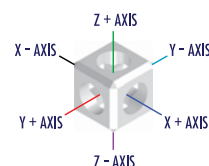
Apply solvent sparingly. Most solvents are low viscosity and readily wick into the bondline. Excessive solvent may compromise the aesthetics and the function of the assembly.

Press the mating components together leaving a .01-.03" gap between them for the solvent. Place the components in an orientation such that they may be rotated ¼ turn to their final position after applying the solvent.

After applying solvent, wait a few seconds, then rotate the components to their final position. When making a long manifold with bondable junction blocks it may be helpful to push the assembly against a flat surface to align the blocks before the solvent has set.

BLOCK	NUMBER	MATERIAL
Bondable Junction Block. See Configuration Table for specifications.		
	BDJ01-40	Polysulfone
	BDJ01-81	Lace White ABS
	BDJ02-40	Polysulfone
	BDJ02-81	Lace White ABS
	BDJ03-40	Polysulfone
	BDJ03-81	Lace White ABS
	BDJ04-40	Polysulfone
	BDJ04-81	Lace White ABS
	BDJ05-40	Polysulfone
	BDJ05-81	Lace White ABS
	BDJ06-40	Polysulfone
	BDJ06-81	Lace White ABS
	BDJ07-40	Polysulfone
	BDJ07-81	Lace White ABS
	BDJ08-40	Polysulfone
	BDJ08-81	Lace White ABS
	BDJ09-40	Polysulfone
	BDJ09-81	Lace White ABS
	BDJ10-40	Polysulfone
	BDJ10-81	Lace White ABS
	BDJ11-40	Polysulfone
	BDJ11-81	Lace White ABS
	BDJ12-40	Polysulfone
	BDJ12-81	Lace White ABS
	BDJ13-40	Polysulfone
	BDJ13-81	Lace White ABS
	BDJ14-40	Polysulfone
	BDJ14-81	Lace White ABS
	BDJ15-40	Polysulfone
	BDJ15-81	Lace White ABS

BLOCK	NUMBER	MATERIAL
Bondable Junction Block with Mounting Port. See Configuration Table below for specifications.		
	BDJ16-40	Polysulfone
	BDJ16-81	Lace White ABS
	BDJ17-40	Polysulfone
	BDJ17-81	Lace White ABS
	BDJ18-40	Polysulfone
	BDJ18-81	Lace White ABS
	BDJ19-40	Polysulfone
	BDJ19-81	Lace White ABS
	BDJ20-40	Polysulfone
	BDJ20-81	Lace White ABS
	BDJ21-40	Polysulfone
	BDJ21-81	Lace White ABS
	BDJ22-40	Polysulfone
	BDJ22-81	Lace White ABS



Bondable Junction Block Configuration Table

BLOCK	X+ AXIS	X- AXIS	Y+ AXIS	Y- AXIS	Z+ AXIS	Z- AXIS
BDJ01	Female	Female				
BDJ02			Female		Female	
BDJ03			Female		Female	Female
BDJ04	Female	Female	Female	Female		
BDJ05	Female		Female		Female	
BDJ06	Female		Female		Female	Female
BDJ07	Female	Female	Female	Female	Female	
BDJ08	Female	Female	Female	Female	Female	Female
BDJ09	Male	Female	Female		Female	Female
BDJ10	Male	Female	Female	Female	Female	Female
BDJ11	Male	Female	Female	Female		
BDJ12	Male	Female	Female			
BDJ13	Male	Female	Female		Female	
BDJ14	Male	Female				
BDJ15	Female	Female				
BDJ16	Female	Female		Female ^a		
BDJ17	Male	Female	Female ^a			
BDJ18	Male ^b	Female	Female		Female	Female
BDJ19	Male ^b	Female	Female	Female	Female	Female
BDJ20	Male ^b	Female	Female	Female		
BDJ21	Male ^b	Female	Female			
BDJ22	Male ^b	Female	Female		Female	

^aFor non-flow manifolding ^b For use with BDMD

RB01 SB01	NUMBER	MATERIAL
Check Valve Ball 5/32" Diameter	RB01-X2	Buna-N Rubber
	SB01-X0	Stainless Steel



BDMRP	NUMBER	MATERIAL
Bondable Plug	BDMRP-40	Polysulfone
	BDMRP-81	Lace White ABS



BDMD	NUMBER	MATERIAL
Bondable Mounting Device	BDMD-40	Polysulfone
	BDMD-81	Lace White ABS



BDMFTLL	NUMBER	MATERIAL
Bondable Female Luer Thread Style	BDMFTLL-40	Polysulfone
	BDMFTLL-81	Lace White ABS
	BDMFTLL-9	Clear Polycarbonate



BDMMTL	NUMBER	MATERIAL
Bondable Male Luer (May be used with separate rotating lock ring; RMLLR)	BDMMTL-40	Polysulfone
	BDMMTL-81	Lace White ABS



BDMR210	NUMBER	MATERIAL
Bondable 200 Series Barb, 1/16" (1.6 mm) ID Tubing	BDMR210-40	Polysulfone
	BDMR210-81	Lace White ABS



BDMR410	NUMBER	MATERIAL
Bondable 400 Series Barb, 1/16" (1.6 mm) ID Tubing	BDMR410-40	Polysulfone
	BDMR410-81	Lace White ABS



BDMR220	NUMBER	MATERIAL
Bondable 200 Series Barb, 3/32" (2.4 mm) ID Tubing	BDMR220-40	Polysulfone
	BDMR220-81	Lace White ABS



BDMR420	NUMBER	MATERIAL
Bondable 400 Series Barb, 3/32" (2.4 mm) ID Tubing	BDMR420-40	Polysulfone
	BDMR420-81	Lace White ABS



BDMR230	NUMBER	MATERIAL
Bondable 200 Series Barb, 1/8" (3.2 mm) ID Tubing	BDMR230-40	Polysulfone
	BDMR230-81	Lace White ABS



BDMR430	NUMBER	MATERIAL
Bondable 400 Series Barb, 1/8" (3.2 mm) ID Tubing	BDMR430-40	Polysulfone
	BDMR430-81	Lace White ABS



BDMR240	NUMBER	MATERIAL
Bondable 200 Series Barb, 5/32" (4.0 mm) ID Tubing	BDMR240-40	Polysulfone
	BDMR240-81	Lace White ABS



BDMR445	NUMBER	MATERIAL
Bondable 400 Series Barb, .170" (4.3 mm) ID Tubing	BDMR445-40	Polysulfone
	BDMR445-81	Lace White ABS



BDML210	NUMBER	MATERIAL
Bondable Elbow 200 Series Barb, 1/16" (1.6 mm) ID Tubing	BDML210-40	Polysulfone
	BDML210-81	Lace White ABS



BDML410	NUMBER	MATERIAL
Bondable Elbow 400 Series Barb, 1/16" (1.6 mm) ID Tubing	BDML410-40	Polysulfone
	BDML410-81	Lace White ABS



BDML220	NUMBER	MATERIAL
Bondable Elbow 200 Series Barb, 3/32" (2.4 mm) ID Tubing	BDML220-40	Polysulfone
	BDML220-81	Lace White ABS
	BDML220-F1A	Medical Grade Polysulfone



BDML420	NUMBER	MATERIAL
Bondable Elbow 400 Series Barb, 3/32" (2.4 mm) ID Tubing	BDML420-40	Polysulfone
	BDML420-81	Lace White ABS



BDML230	NUMBER	MATERIAL
Bondable Elbow 200 Series Barb, 1/8" (3.2 mm) ID Tubing	BDML230-40	Polysulfone
	BDML230-81	Lace White ABS



BDML430	NUMBER	MATERIAL
Bondable Elbow 400 Series Barb, 1/8" (3.2 mm) ID Tubing	BDML430-40	Polysulfone
	BDML430-81	Lace White ABS



BDMT210	NUMBER	MATERIAL
Bondable Tee 200 Series Barb, 1/16" (1.6 mm) ID Tubing	BDMT210-40	Polysulfone
	BDMT210-81	Lace White ABS



BDMT410	NUMBER	MATERIAL
Bondable Tee 400 Series Barb, 1/16" (1.6 mm) ID Tubing	BDMT410-40	Polysulfone
	BDMT410-81	Lace White ABS



BDMT220	NUMBER	MATERIAL
Bondable Tee 200 Series Barb, 3/32" (2.4 mm) ID Tubing	BDMT220-40	Polysulfone
	BDMT220-81	Lace White ABS



BDMT420	NUMBER	MATERIAL
Bondable Tee 400 Series Barb, 3/32" (2.4 mm) ID Tubing	BDMT420-40	Polysulfone
	BDMT420-81	Lace White ABS



BDMT230	NUMBER	MATERIAL
Bondable Tee 200 Series Barb, 1/8" (3.2 mm) ID Tubing	BDMT230-40	Polysulfone
	BDMT230-81	Lace White ABS



BDMT430	NUMBER	MATERIAL
Bondable Tee 400 Series Barb, 1/8" (3.2 mm) ID Tubing	BDMT430-40	Polysulfone
	BDMT430-81	Lace White ABS



our online ordering arriving Fall 2006 for North America only, 24 hours a day, 7 days a week, with increased ordering flexibility! You can find every catalog part at www.valueplastics.com

BDMX	NUMBER	MATERIAL
Bondable 10-32 UNF Special Tapered Thread with 1/4" Hex	BDMX-40	Polysulfone
	BDMX-81	Lace White ABS



BDMK	NUMBER	MATERIAL
Bondable 10-32 UNF Thread with 1/4" Hex	BDMK-40	Polysulfone
	BDMK-81	Lace White ABS



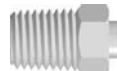
BDFS	NUMBER	MATERIAL
Bondable 1/4-28 UNF Thread with 5/16" Hex	BDFS-40	Polysulfone
	BDFS-81	Lace White ABS



BDM6	NUMBER	MATERIAL
Bondable M6x1 Thread with 5/16" Hex	BDM6-40	Polysulfone
	BDM6-81	Lace White ABS



BDM16	NUMBER	MATERIAL
Bondable 1/16-27 NPT Thread with 5/16" Hex	BDM16-40	Polysulfone
	BDM16-81	Lace White ABS



BDM18	NUMBER	MATERIAL
Bondable 1/8-27 NPT Thread with 7/16" Hex	BDM18-40	Polysulfone
	BDM18-81	Lace White ABS



BDF16	NUMBER	MATERIAL
Bondable 1/16-27 NPT Thread with 5/16" Hex	BDF16-40	Polysulfone
	BDF16-81	Lace White ABS



BDF18	NUMBER	MATERIAL
Bondable 1/8-27 NPT Thread with 7/16" Hex	BDF18-40	Polysulfone
	BDF18-81	Lace White ABS



BDFM6	NUMBER	MATERIAL
Bondable M6x1 Thread with 5/16" Hex	BDFM6-40	Polysulfone
	BDFM6-81	Lace White ABS



BDFS	NUMBER	MATERIAL
Bondable 1/4-28 UNF Thread with 5/16" Hex	BDFS-40	Polysulfone
	BDFS-81	Lace White ABS



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