IBC couplings

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Connection system for IBC tanks

Material: standard version - polypropylene (PP), metal parts stainless steel;
SS version - stainless steel AISI 316L

Seal: polyethylene (LDPE) - for the polypropylene version, SS version – no gasket

Work. pressure: up to 7 bar - polypropylene
up to 16 bar – stainless steel AISI 316L

Working temp.: from -10ºC to +70ºC (temporarily up to +80ºC)

IBC couplings were designed as the fastest and safest connection system for IBC tanks / IBC (Intermediate Bulk Container / Intermediate Bulk Container) used to transport liquid and semi-liquid chemical substances. Thanks to their very high chemical resistance and low body weight, polypropylene IBC couplings are an economical and widely used solution for handling IBC tanks. The trapezoidal threads compliant with DIN EN 12713:2000-03 (e.g. S60x6, S75x6, S80x6, S92x4, S100x8), fitted as standard on IBC couplings, match 100% the threads on IBC containers of various manufacturers. IBC couplings in the Tubes International range are available in two polypropylene versions: „premium" – a high-quality version and an economical one (with index ending X). Both versions meet all required parameters. For popular sizes an SS version is available – made entirely of stainless steel AISI 316L (for this version the gasket must be specified and ordered separately).

IBC coupling with female thread DIN EN 12713 / CAMLOCK coupling	index (polypropylene)	index (stainless steel)	thread size inner. DIN EN 12713	type and size of CAMLOCK coupling
CAMLOCK A	AC-IBF060-075A	-	S60x6	A 3/4"
	AC-IBF060-100A	-	S60x6	A 1"
	AC-IBF060-100AX	AC-IBF060-100A-SSX	S60x6	A 1"
	-	AC-IBF060-125A-SSX	S60x6	A 1.1/4"
	AC-IBF060-150A	-	S60x6	A 1.1/2"
	AC-IBF060-150AX	AC-IBF060-150A-SSX	S60x6	A 1.1/2"
	AC-IBF060-200AF*	-	S60x6	A 2"
	AC-IBF060-200A	-	S60x6	A 2"
	AC-IBF060-200A-L**	-	S60x6	A 2"
	AC-IBF060-200AX	AC-IBF060-200A-SSX	S60x6	A 2"
	AC-IBF060-200D	-	S60x6	D 2"
	AC-IBF092-300A	-	S92x4	A 3"
	AC-IBF100-100A	-	S100x8	A 1"
	AC-IBF100-200A	-	S100x8	A 2"
	AC-IBF100-200AX	-	S100x8	A 2"
	AC-IBF100-300A	-	S100x8	A 3"
CAMLOCK D	AC-IBF200N-200A	-	GW 2" NPS	A 2"

* white version
** version with extended CAMLOCK adaptor

IBC coupling with female thread DIN EN 12713 and male BSP or BSPT thread	index (polypropylene)	index (stainless steel)	thread size inner. DIN EN 12713	thread size male
	AC-IBF060-M075	-	S60x6	3/4" BSP
	AC-IBF060-M075X	-	S60x6	3/4" BSPT
	AC-IBF060-M100	-	S60x6	1" BSP
	AC-IBF060-M100X	AC-IBF060-M100-SSX	S60x6	1" BSPT
	AC-IBF060-M125	AC-IBF060-M125-SSX	S60x6	1.1/4" BSPT
	AC-IBF060-M150	-	S60x6	1.1/2" BSP
	AC-IBF060-M150X	AC-IBF060-M150-SSX	S60x6	1.1/2" BSP
	AC-IBF060-M200	-	S60x6	2" BSP
	AC-IBF060-M200X	AC-IBF060-M200-SSX	S60x6	2" BSPT
	-	AC-IBF060-M250-SSX	S60x6	2.1/2" BSPT
	-	AC-IBF060-M300-SSX	S60x6	3" BSPT
	AC-IBF075-M200	-	S75x6	2" BSP
	AC-IBF092-M300	-	S92x4	3" BSP
	AC-IBF100-M200X	-	S100x8	2" BSPT
	AC-IBF100-M300	-	S100x8	3" BSP