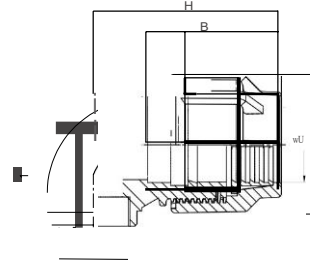


## COMPRESSION ELBOW WITH FEMALE THREADED OFFTAKE



	Size	Code	SP	B	C	H	H <sub>1</sub>			
1	20 x 1/2"	CFE20X050BKA	54	150	40	45	21	20	71	50
2	25 x 3/4"	CFE25X075BKA	90	100	42	53	27	20	81	58
3	32 x 1"	CFE32X100BKA	132	60	63	65	34	26	85	61
4	40 x 1 1/4"	CFE40X125BKA	254	30	84	82	44	26	113	53
5	50 x 1 1/2"	CFE50X150BKA	343	18	95	93	54	26	125	62
6	63 x 2"	CFE63X200BKA	658	12	110	117	64	33	155	70

**Note :** SP - Standard Packing Quality, g - Individual fitting weight in gms

Kimplas Compression fittings PN 16 and are designed to use with all types of Polyethylene Pipes i.e. HDPE, MDPE and LDPE (grades PE100, PESO, PE63, PE 25 etc.). Unique design of the fitting facilitates insertion of the pipe into fitting without disassembling the fitting. The working temperature range of the fittings is - 5° to+ 40°C and the fittings are recommended for cold water services only. The fittings are ideally suited for Drip and Sprinkler Irrigation piping networks.

### Standards:

Pipe compatibility ISO:4427-2,EN:12201-2,IS:4984,DIN:8074,IS:12786  
Dimensions, Features & Functional Tests:ISO:3501,ISO:3503,ISO:3459  
Threading: IS:554, ISO:7/1, BS:21, DIN:2999  
Complies with ISO:14236

### Common Applications:

For connecting Sprinkler Irrigation mains, sub-mains and laterals  
For connecting Drip Irrigation mains and sub-mains.  
For connecting fertigation equipment like Venturi, Fertilizers Tank and Dozing pump  
Enables speedy laying of Pipes in Emergencies and ideal for semi permanent Sprinkler Systems

### Installation :

Joint preparation must be done as specified in the installation instructions. Pipe ends must be cut square and burr-free before using with the fittings. Chamfer may be provided on the pipe end to facilitate ease of pipe insertion. To install the fitting, there is no need to open the nut and other components of the fitting. To install the fitting, just loosen the nut by three to four turns, insert the pipe into the fitting until the pipe crosses the rubber seal and stops at the pipe stop. Then tighten the nut by hands only. For fittings of size 40 mm and above a wrench recommended by Kimplas may be used for additional tightening. The nut should be closed tightly, however there is no need for the nut to actually meet the body. Complete Installation Manual may be downloaded.

### Advantages :

The body is made of Polypropylene and designed with modular construction and axial reinforcement  
The nut made of Polypropylene, with its sturdy design holds the pipe-fitting assembly intact with continuous working pressures upto 16 Bars  
The grip ring made up of POM (Poly-acetal) prevents the pipe being pulled out from the fitting  
The PP (Packing Pressure) Bush exerts thrust on the rubber O'-Ring / Gasket, compresses on pipe & fitting body to ensure leak-tightness  
Rubber O'-Ring / Gasket prevent leakage under internal pressure as well as under external pressure as in case of vacuum and/or suction  
Plastic & rubber materials conform to the Standard requirements for use with irrigation water  
For connecting to BSP threaded GI Pipe and fittings and brass/ PVC Valves etc  
Higher penetration of Pipe in the fittings enables for proper alignment  
Clearance-Fit for ease of installation and repairs  
Tolerance fit to take care of ovality of coiled pipes  
**Permanent Batch Indicator, Size, PN rating and Raw Material**  
Grade marking for ease of traceability  
Compact but sturdy design for ease of installation and trouble free service