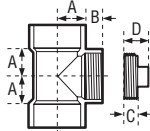


**TEE • FLUSH CLEANOUT**

**ABS DWV**

**A445**

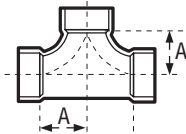


CONNECTION <b>H x H x FPT</b>	CHARLOTTE STYLE 445			NIBCO STYLE 5811-14-V					
	Part Number	Ctn Qty	Approx Net Wt.	Dimensions					
Size				A	B	C	D	E	F
1-1/2"	03413	20	.21	1-3/16	5/8				
2"	03414	20	.30	1-1/2	5/8				
3"	03415	10	.78	1-7/8	3/4				
4"	03416	10	1.38	2-1/2	7/8				

**CLEANOUT • TWO WAY**

**ABS DWV**

**A448**

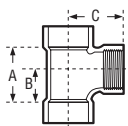


CONNECTION <b>ALL HUB</b>	CHARLOTTE STYLE 448			NIBCO STYLE 5811-C					
	Part Number	Ctn Qty	Approx Net Wt.	Dimensions					
Size				A	B	C	D	E	F
3"	02237	10	1.42	4-1/16					
4"	02238	5	2.48	4-15/16					

**TEE • FIXTURE**

**ABS DWV**

**A450**

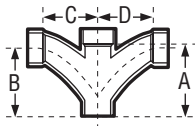


CONNECTION <b>H x H x FPT</b>	CHARLOTTE STYLE N/A			NIBCO STYLE 5811-14-FX					
	Part Number	Ctn Qty	Approx Net Wt.	Dimensions					
Size				A	B	C	D	E	
1-1/2"	03012	50	.21	2-3/4	1-9/16	2	1-1/4		
2" x 2" x 1-1/2"	03402	25	.24	2-3/4	1-7/16	2	1-1/4		

**WYE • DOUBLE FIXTURE • STREET**

**ABS DWV**

**A499**



CONNECTION <b>SP x H x H x H</b>	CHARLOTTE STYLE N/A			NIBCO STYLE N/A					
	Part Number	Ctn Qty	Approx Net Wt.	Dimensions					
Size				A	B	C	D	E	
3"	02245	5	1.78	8-1/4	5-3/4	4-15/16	4-15/16		



TUBE & PIPE

METAL FITTINGS & NIPPLES

PLASTIC FITTINGS & NIPPLES

VALVES

FAUCETS & BATH ACCESSORIES

SPECIALTIES