

## 610-638-1221 sales@trenchdrain.com

PO BOX 377 - FREMONT, OH 43420

PROJECT ID: CONTRACT NO:	
LOCATION:	

RELEASED: 6.15.21 REVISION: A

## FGK-HLC-WYE FIBERGLASS KIT WITH HLC GRATE AND WYE FRAME

NOMINAL SYSTEM WIDTH 8"	8.33"  10.33"	SYSTEM LENGTH  4' 8' 12' 16' 20' 40' 4' 8' 122' 166' 20' 40' 4' 8' 122' 166' 20' 40' 4'	KIT PART NO.  FGK-HLC-WYE-0804 FGK-HLC-WYE-0808 FGK-HLC-WYE-0812 FGK-HLC-WYE-0816 FGK-HLC-WYE-0820 FGK-HLC-WYE-1004 FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216 FGK-HLC-WYE-1216	CONCRETE BY CUSTOMER	OD LEE
10"	10.33"	8' 12' 16' 20' 40' 4' 8' 12' 16' 20' 40' 4' 16' 20' 4' 16' 20'	FGK-HLC-WYE-0808 FGK-HLC-WYE-0812 FGK-HLC-WYE-0816 FGK-HLC-WYE-0820 FGK-HLC-WYE-0840 FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1208 FGK-HLC-WYE-1216	CONCRETE BY CUSTOMER	WIDTH. APPROX. 1/4" LARGER THAN GRATE WIDTH. GRATE WIDTH  RAIL  TRENCH  TRENCH
10"	10.33"	12' 16' 20' 40' 4' 8' 12' 16' 20' 40' 4' 16' 20' 16' 20'	FGK-HLC-WYE-0812 FGK-HLC-WYE-0816 FGK-HLC-WYE-0820 FGK-HLC-WYE-0840 FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1040 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212	CONCRETE BY CUSTOMER	THAN GRATE WIDTH.  GRATE WIDTH  TRENCH  TRENCH
10"	10.33"	16' 20' 40' 4' 8' 12' 16' 20' 40' 4' 16' 20' 16' 20'	FGK-HLC-WYE-0816 FGK-HLC-WYE-0820 FGK-HLC-WYE-0840 FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	CONCRETE BY CUSTOMER	GRATE WIDTH RAIL  TRENCH  TRENCH  TOWNE  RAIL
10"	10.33"	20' 40' 4' 8' 12' 16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-0820 FGK-HLC-WYE-0840 FGK-HLC-WYE-1004 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212	CONCRETE BY CUSTOMER T	WIDTH NOTE  A  A  TRENCH  A  A  A  A  A  A  A  A  A  A  A  A  A
		40' 4' 8' 12' 16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-0840 FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1010 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1212	BY CUSTOMER -	TRENCH AA A
		4' 8' 12' 16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1004 FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1212	BY CUSTOMER -	TRENCH A A
		8' 12' 16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1008 FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1212	BY CUSTOMER -	TRENCH A A
		12' 16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1012 FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
		16' 20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1016 FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
		20' 40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1020 FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	BY CUSTOMER  A  A  A  A  A  A  A  A  A  A  A  A  A
12"	12.33"	40' 4' 8' 12' 16' 20'	FGK-HLC-WYE-1040 FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
12"	12.33"	4' 8' 12' 16' 20'	FGK-HLC-WYE-1204 FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
12"	12.33"	8' 12' 16' 20'	FGK-HLC-WYE-1208 FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
12"	12.33"	12' 16' 20'	FGK-HLC-WYE-1212 FGK-HLC-WYE-1216	BY CUSTOMER -	
12"	12.33"	16' 20'	FGK-HLC-WYE-1216		*
12	12.00	20'			\ <b>4</b>
			FGK-HLC-WYE-1220		
		40'		/ LOCKING DE'	VICE
			FGK-HLC-WYE-1240	(4) PER GRAT	
		4'	FGK-HLC-WYE-1404	(4) I ER ORAT	
		8'	FGK-HLC-WYE-1408		
14"	14.33"	12'	FGK-HLC-WYE-1412		
'-	14.55	16'	FGK-HLC-WYE-1416		
		20'	FGK-HLC-WYE-1420		
		40'	FGK-HLC-WYE-1440		
		CURB AND I A DIST LBS. (2	PPLICATION LOAD C SIDES, HIGHWAY SH PARKING AREAS. DE IRIBUTED PRESSURE C 250KN) FULI CTION; 1 GRATE 219.20]	OULDERS SIGNED FOR OF 56,200 . SECTION; 2 GRATES [2438.40] 96.00	[38.10]
					[8.38]
				UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	SYSTEM SYSTEM WIDTH ====================================

## **MANUFACTURER**



DISCLAIMER - The customer and the customer's architects, engineers, consultants, and other professionals are completely responsible for the selection installation and maintenance of any product purchased from Trench Drain Systems and/or its manufacturers. TRENCH DRAIN SYSTEMS MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY, DESIGN, MERCHANTIBILITY, OR FITNESS OF THE PRODUCT FOR CUSTOMERS APPLICATION. The drawing and information provided remain the property and copyright of the manufacturer listed. The manufacturer reserves the right to modify specification without notice.

## **ENGINEERING SPECIFICATION**

TDS FIBERGLASS KITS ARE MANUFACTURED WITH LAYERS OF RESIN AND FIBERGLASS STRANDS TO CREATE A GRATING SYSTEM WITH EXCELLENT IMPACT RESISTANCE THAT PROVIDES BETTER TRACTION THAN METAL BAR GRATING. IT IS CORROSION RESISTANT, LIGHTWEIGHT, NONCONDUCTIVE AND NONMAGNETIC. THE GRATE HAS AN OPEN AREA OF 48%. EACH GRATE MEASURES 1.50" THICK X 48.00" LONG. KIT INCLUDES GRATE(S), LOCKING DEVICES AND FRAME RAILS.