



# PIRANHA TOOLING CHART (TOP HAT STYLE)

HOSE	SIZE (ID)	END FITTINGS, MENDERS, ADAPTERS					SWAGE-HYDTH & SWAGE-HANDTH (PUSHERS AND DIES)				SWAGE-LLTH (PUSHERS AND DIES)				SWAGE MACHINES		
		Male NPT Rigid End Fitting	Male NPT Swivel End Fitting	Female NPSM Swivel End Fitting	Mender	Female Adapter	Male Solid Pusher	Male Swivel Pusher	Female Swivel Pusher	Die Set	Male Solid Pusher	Male Swivel Pusher	Female Swivel Pusher	Die Set	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
HABU-12 SLHABU-12	3/4"	FAR12NPT12		FAR12FS12	FAR12MEND		DP12TH		DP12FSTH	DSAR12TH					SWAGE-HYDTH	SWAGE-HANDTH	
HABU-16 SLHABU-16	1"	FAR16NPT16		FAR16FS16	FAR16MEND		DP16TH		DP16FSTH	DSAR16TH					SWAGE-HYDTH	SWAGE-HANDTH	
HPBU-12 SLHPBU-12	3/4"	F12NPT12		F12FS12	F12MEND	A12FPX12FS	DP12TH		DP12FSTH	DS12TH					SWAGE-HYDTH	SWAGE-HANDTH	
HPBU-16 SLHPBU-16	1"	F16NPT16		F16FS16	F16MEND		DP16TH		DP16FSTH	DS16TH					SWAGE-HYDTH	SWAGE-HANDTH	
HPBU-20 SLHPBU-20	1-1/4"	F20NPT20			F20MEND		DP20TH			DS20TH					SWAGE-HYDTH	SWAGE-HANDTH	
LAGR-08 SLAGR-08	1/2"	FAR08NPT8		FAR08FS8	FAR08MEND		DP08TH		DP08FSTH	DSAR08TH	PHP50-08M		PHP50-08FS	DSAR08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LHBK-08 SLHBK-08	1/2"	F08NPT8	F08MSNPT8	F08FS8	FLL08MEND	A08FPX08FS	DP08TH	DP08MSTH	DP08FSTH	DS08TH	PHP50-08M	PHP50-08MS	PHP50-08FS	DS08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLBU-08 SLBU-08	1/2"	F08NPT8	F08MSNPT8	F08FS8	FLL08MEND	A08FPX08FS	DP08TH	DP08MSTH	DP08FSTH	DS08TH	PHP50-08M	PHP50-08MS	PHP50-08FS	DS08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLGR-02 SLGR-02	1/8"	F02NPT2					DP02TH			DS02TH	PHP50-02MM			DS02TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLGR-03 SLGR-03	3/16"	F03NPT2 F03NPT4					DP02TH DP04TH			DS03TH					SWAGE-HYDTH	SWAGE-HANDTH	
LLGR-04 SLGR-04	1/4"	F04NPT4	F04MSNPT4				DP04TH	DP04MSTH	DP04FSTH	DS04TH	PHP50-04M	PHP50-04MS		DS04TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLGR-06 SLGR-06	3/8"	F06NPT6	F06MSNPT6			A06FPX06FS	DP06TH	DP06MSTH	DP06FSTH	DS06TH	PHP50-06M	PHP50-06MS		DS06TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLGR-08 SLGR-08	1/2"	F08NPT8	F08MSNPT8	F08FS8	FLL08MEND	A08FPX08FS	DP08TH	DP08MSTH	DP08FSTH	DS08TH	PHP50-08M	PHP50-08MS	PHP50-08FS	DS08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLGR-12 SLGR-12	3/4"	FAR12NPT12		FAR12FS12	FAR12MEND		DP12TH		DP12FSTH	DSAR12TH				DSAR12TH	SWAGE-HYDTH	SWAGE-HANDTH	
LLGR-16 SLGR-16	1"	H1212810-1616 H1200203-16													CRIMP ONLY	CRIMP ONLY	
LLRD-04 SLRD-04	1/4"	F04NPT4	F04MSNPT4				DP04TH	DP04MSTH	DP04FSTH	DS04TH	PHP50-04M	PHP50-04MS		DS04TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLRD-06 SLRD-06	3/8"	FCP06NPT-NS		FCP06FS-NS		A06FPX06FS	DP06TH			DS065TH	PHP50-06M		PHP50-06FS	DS065TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
LLRD-08 SLRD-08	1/2"	F08NPT8	F08MSNPT8	F08FS8		A08FPX08FS	DP08TH	DP08MSTH		DS08TH	PHP50-08M	PHP50-08MS	PHP50-08FS	DS08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
SAOR-12 SLSAOR-12	3/4"	FAR12NPT12		FAR12FS12	FAR12MEND		DP12TH		DP12FSTH	DSAR12TH					SWAGE-HYDTH	SWAGE-HANDTH	
SAOR-16 SLSAOR-16	1"	FAR16NPT16		FAR16FS16	FAR16MEND		DP16TH		DP16FSTH	DSAR16TH					SWAGE-HYDTH	SWAGE-HANDTH	
SAOR-20 SLSAOR-20	1-1/4"	FAR20NPT20					DP20TH			DSAR20TH					SWAGE-HYDTH	SWAGE-HANDTH	
SHBK-08 SLSHBK-08	1/2"	FHP08NPT8		FHP08FS8	F08MEND	A08FPX08FS	DP08TH		DP08FSTH	DSSH08TH	PHP50-08M		PHP50-08FS	DSSH08TH	SWAGE-HYDTH	SWAGE-HANDTH	SWAGE-LLTH
SHBK-10 SLSHBK-10	5/8"	FHP10NPT8			FA10MEND		DP08TH			DSAR08TH				DSAR08TH	SWAGE-HYDTH	SWAGE-HANDTH	
SPOR-10 SLSPOR-10	5/8"	F10NPT8			F10MEND		DP08TH			DS10TH					SWAGE-HYDTH	SWAGE-HANDTH	
SPOR-12 SLSPOR-12	3/4"	F12NPT12		F12FS12	F12MEND	A12FPX12FS	DP12TH		DP12FSTH	DS12TH					SWAGE-HYDTH	SWAGE-HANDTH	
SPOR-16 SLSPOR-16	1"	F16NPT16		F16FS16	F16MEND		DP16TH		DP16FSTH	DS16TH					SWAGE-HYDTH	SWAGE-HANDTH	
SPOR-20 SLSPOR-20	1-1/4"	F20NPT20			F20MEND		DP20TH			DS20TH					SWAGE-HYDTH	SWAGE-HANDTH	
SPOR-24 SLSPOR-24	1-1/2"	F24NPT24 (crimp only)													CRIMP ONLY	CRIMP ONLY	

2500 WEIGEL STREET CADILLAC, MI 49601 - WWW.PIRANHAHOSE.COM

REV B 6/5/2020