



PROFESSIONAL PRODUCTS...
SUPERIOR RESULTS™

THE HARRIS PRODUCTS GROUP

6290NX, NFF, NXP AND NXM CUTTING TIP FLOW CHART ALTERNATE FUELS

PLATE THICKNESS IN INCHES	TIP SIZE AND STYLE	DRILL SIZE	OXYGEN*** PRESS (PSIG)	CUTT. OX FLOW (SCFH)	P.H. OX* (SCFH)	FUEL FLOW** (SCFH)
Light Gauge to 3/16"	000NX	#68	15-30	20-30	30	7.5
3/16"-3/8"	00NX	#64	20-30	30-40	35	8.7
3/8"-5/8"	0NX	#60	30-40	50-65	35	8.7
5/8"-1"	1NX	#56	35-50	75-100	35	8.7
1"-2"	2NX	#52	40-55	160-210	40	10
2"-3"	3NX	#48	45-60	250-325	40	10
3"-6"	4NX	#42	50-75	425-575	50	12.5
6"-8"	5NX	#35	65-80	650-800	60	15
8"-12"	6NX	#30	70-90	900-1100	70	17.5
Light Gauge to 5/8"	1NFF	#56	20-35	45-70	70	17.5
5/8"-2"	2NFF	#53	30-55	100-160	70	17.5
2"-4"	3NFF	#47	45-65	265-350	70	17.5
4"-6"	4NFF	#42	55-75	450-575	70	17.5
6"-8"	5NFF	#35	60-80	590-800	70	17.5
8"-10"	6NFF	#31	80-90	800-950	70	17.5
10"-12"	7NFF	#29	80-90	980-1135	70	17.5
Light Gauge to 3/16"	000NX&NXM	#68	15-30	20-30	30	11.5
3/16"-3/8"	00NX&NXM	#64	20-30	50-65	30	11.5
3/8"-5/8"	0NX&NXM	#60	30-40	75-100	30	11.5
5/8"-1"	1NX&NXM	#56	35-50	50-65	30	11.5
1"-2"	2NX&NXM	#52	40-55	160-210	30	11.5
2"-3"	3NX&NXM	#48	45-60	250-325	30	11.5
3"-6"	4NX&NXM	#42	50-75	425-575	30	11.5
6"-8"	5NX&NXM	#35	65-80	650-800	30	11.5
8"-12"	6NX&NXM	#30	70-90	900-1100	30	11.5

*P.H. Flows are for average cutting conditions with hand torches.

**Fuel flows are calculated for propane at 4:1 ratio or propylene at 2.6:1 ratio- For natural gas use a 2:1 ratio.

***Fuel pressure settings 5-15 PSIG for equal pressure equipment and 4oz. to 2lbs. for injector equipment.

Pressure on size #4 and above have been established using 3/8" ID hose 25' in length.