

SYNFLEX HYDRAULIC

GENERAL PURPOSE AIR & WATER

3630

250 – 300 psi (17 – 20 bar) working pressures

APPLICATIONS:

- Air power tools
- Pneumatic motion control
- Industrial water supply lines
- Compatible with many chemicals and gases

CONSTRUCTION:

- PVC cover
- Spiraled synthetic fiber reinforcement
- PVC core tube

FEATURES:

- Temperature range: -10°F to 150°F (-23°C to 66°C) or to 130°F (54°C), with 390C brass couplings
- Standard bold colors, gray, red, blue, yellow, or black (standard color chart below)
- Excellent abrasion and impact resistance
- Light weight
- 4:1 burst to working pressure safety factor
- Long life over rubber hoses



FOR COLORS

ADD TO END OF PART NUMBER				
FOR BLUE	FOR RED	FOR GREEN	FOR YELLOW	FOR GRAY
BL	R	GR	Y	GY

EXAMPLE:

SPECIFICATIONS

RB&H #	NOMINAL I.D.		MAXIMUM O.D.		MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE		MAXIMUM BURST PRESSURE		WEIGHT		REEL QUANTITY (FT)
	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	70°F		80°F		LBS./100 (FT)	KG/100 (M.)	
							(PSI)	(BAR)	(PSI)	(BAR)			
3630-03	3/16	4.8	.399	10.1	7/16	11	300	20	250	17	4.5	6.7	500
3630-04	1/4	6.4	.490	12.5	5/8	16	300	20	250	17	6.3	9.4	500
3630-05	5/16	7.9	.550	14.0	3/4	19	300	20	250	17	7.9	11.8	500
3630-06	3/8	9.5	.639	16.2	7/8	22	300	20	250	17	9.7	14.4	500
3630-08	1/2	12.7	.794	20.2	1 1/4	32	300	20	250	17	13.6	20.2	400
3630-12	3/4	19.1	1.097	27.9	2 1/2	64	300	20	250	17	22.9	34.1	400
3630-16	1	25.4	1.342	34.1	3 1/2	89	250	17	250	17	31.4	46.7	400

COUPLING CHART

HOSE I.D. (IN.)	PERMANENT STEEL		BRASS COUPLINGS			
	COUPLING SERIES #	SWAGE DIE #	COUPLING SERIES #	BRASS FERRULES #	SWAGE DIE #	CRIMP DIE #
3/16	3903/7903	4540-303	390C	3981-30220	4540-00001	4548-03750
1/4	3903/7903	4540-304	390C	3981-30320	4540-00002	4548-05000
5/16	3903/7903	4540-305	—	—	4540-00003	—
3/8	3903/7903	4540-306	390C	3981-19120	—	4548-06000
1/2	3903/7903	4540-308	390C	3981-30420	—	4548-07500
3/4	3903/7903	4540-312	390C	3981-30520	—	4548-10750
1	390H-16	4540-B16	—	—	—	—