

**SYNFLEX HYDRAULIC
MEDIUM PRESSURE**

3580

2,250 – 3,500 psi (155 – 241 bar) working pressures
Meets or exceeds SAE 100R1 and R7 performance specifications
Steel wire reinforcement



APPLICATIONS:

- Hydraulic tools (not recommended for pneumatic pressures)
- Lubrication systems
- Mobile hydraulics
- Agriculture equipment

CONSTRUCTION:

- Black polyurethane non-perforated cover
- Braided bronze coated steel wire reinforcement
- Polyester core tube

FEATURES:

- Temperature range: -40°F to 225°F (-40°C to 107°C) or to 140°F (60°C), with water-based or fire resistant fluids
- Single permanent coupling series fits all sizes
- SAE 100R7 dimensions
- Cut resistant – heavy duty design

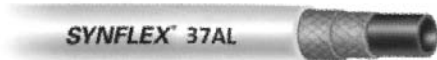
SPECIFICATIONS

PRODUCT I.D.			NOMINAL I.D.		MAXIMUM O.D.		MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE		MAXIMUM BURST PRESSURE		WEIGHT		
RB&H #	PERMANENT COUPLING SERIES STEEL	SWAGE DIE PART # 4540-	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(PSI)	(BAR)	(PSI)	(BAR)	LBS./100 (FT.)	KG/100 (M.)	G/100
3580-04	3903/7903	304	¼	—	.4930	—	1 ¾	—	3,500	241	14,000	965	10.3	15.3	500
3580-06	3903/7903	306	⅜	—	.6413	—	2 ¼	—	3,250	221	13,000	884	18.1	26.9	500
3580-08	3903/7903	308	½	—	.7680	—	3 ¼	—	3,000	207	12,000	827	20.7	30.8	400

NON-CONDUCTIVE

37AL (SAE 100R7)

MEDIUM PRESSURE



APPLICATIONS:

- General hydraulic systems that may contact high voltage sources
- Rescue equipment and tools
- Mobile machinery
- Aerial equipment

CONSTRUCTION:

- Core Tube - polyester
- Reinforcement - braided synthetic fiber
- Jacket - Orange, non-conductive polyurethane

FEATURES:

- SAE J517, ANSI 92.2 for aerial lift equipment
- Temperature range: -40°F to +212°F
- Improved flexibility

SPECIFICATIONS

RB&H #	RB&H TWIN LINE #	NOMINAL I.D. (IN.)	COUPLING SERIES	DIE 4540-	NOMINAL I.D. (IN.)	MAX O.D.	MINIMUM BEND RADIUS (IN.)	MAXIMUM OPERATING PRESSURE (PSI)	MINIMUM BURST PRESSURE (PSI)	WT. PER 100 FT. (LBS)
37AL-03003	—	⅜	3903	30300	.20	.425	.75	3,000	12,000	4.8
37AL-04003	3770-27A33	¼	3903	3V400	.25	.485	1.25	3,000	11,000	6.0
37AL-05003	—	5/16	3903	30500	.32	.580	1.75	3,000	10,000	7.5
37AL-06003	3770-27A53	⅜	3903	30600	.38	.635	2.00	3,000	9,000	9.5
37AL-08003	3770-27A63	½	3903	30800	.50	.815	3.00	3,000	9,000	14.3