

DEFENDER



APPLICATION:

- Medium-duty compressed air hose for use in construction sites
- Ideal for the transfer of high-temperature air
- May be used as a water transfer hose

TEMPERATURE RANGE:

- For air service only:
-40°F to +180°F
-40°C to +82°C

BURST PRESSURE:

- Minimum 4:1

MATERIAL TUBE:

- Extruded, smooth proprietary SBR/NBR blend
- Designed with heat and oil resistant properties

REINFORCEMENTS:

- Multiple high-tensile steel wire braids
- Braided with brass-plated wire for corrosion resistance

MATERIAL COVER:

- Yellow, smooth SBR compound
- Good abrasion resistance
- Excellent weather and ozone resistance

BRANDING:

- Black longitudinal mylar stripe: GOODALL® DEFENDER • AIR • ** PSI
- Embossed stripe: N1460 • DEFENDER • ** PSI MAX WP • 10001
- * • REFER TO INDUSTRY RECOMMENDATIONS FOR PROPER CARE & MAINTENANCE

** Maximum working pressure

STANDARD LENGTHS:

- ½ inch, ¾ inch and 1 inch: 250 feet, 76.2 meters
- All other sizes: 100 feet, 30.5 meters

DEFENDER

ID		OD		maximum working pressure		minimum bend radius		weight	
mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb./ft.
12.7	½	24.9	0.98	69	1000	76.2	3.0	0.58	0.39
19.0	¾	32.0	1.26	69	1000	88.9	3.5	0.89	0.60
25.0	1	37.6	1.48	69	1000	127.0	5.0	1.10	0.74
32.0	1 ¼	43.2	1.70	52	750	139.7	5.5	1.25	0.84
38.0	1 ½	49.5	1.95	38	550	152.4	6.0	1.49	1.00
51.0	2	65.5	2.58	38	550	228.6	9.0	2.41	1.62
63.0	2 ½	77.7	3.06	28	400	330.2	13.0	2.80	1.88
76.0	3	91.4	3.60	28	400	368.3	14.5	3.78	2.54
102.0	4	119.1	4.69	28	400	469.9	18.5	5.52	3.71

All data at 68° F / 20° C



All information contained on this datasheet is subject to change without prior notice. GOODALL MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Buyer/end-user is responsible for determining whether the Goodall product is fit for a particular purpose and suitable for buyer's/user's method of use or application. Failure to follow procedures for selection, installation, care, maintenance and storage of hoses may result in the hose's failure to perform properly and may result in damage to property and/or serious injury. Goodall or any of its affiliates or subsidiaries shall not be subject to and disclaims any obligations or liabilities (including but not limited to all consequential, incidental and contingent damages) arising from tort claims (including without limitation negligence and strict liability) or other theories of law.