



PETRALFLO SD

EXCEEDS EN12115:2011 and EN1761:1999

APPLICATION :

- Superior suction and discharge hose developed for filling and discharging tanks, petrol tankers and ships with hydrocarbon fuels and mineral oils having an aromatic content of maximum 50% by volume
- Suitable for unleaded fuel
- In accordance with EN12115:2011 and EN1761:1999
- Ideal for applications in which an electrical static charge can occur : classification Grade Ω/T
- The static charge can be safely conducted through the conductive hose wall
- Attention : the installation must be grounded

TEMPERATURE RANGE :

- -30°C to +90°C
- -22°F to +194°F

BURST PRESSURE:

- 4:1

MATERIAL TUBE :

- Black, smooth, homogeneous and seamlessly extruded NBR rubber compound
- Electrically conductive $R < 10^6 \Omega$
- Chemical and oil resistance according to EN12115:2011 and EN1761:1999

REINFORCEMENTS :

- Multiple high tensile textile braids
- 2 anti-static braided copper wires
- Completely embedded galvanized steel helix to improve flexibility and vacuum resistance

MATERIAL COVER :

- Black CR rubber compound
- Oil, abrasion, weather & ozone resistant
- Cloth finish impression
- Electrically conductive $R < 10^6 \Omega$

BRANDING:

- Yellow longitudinal Mylar stripe : GOODALL PETRALFLO SD • OIL EN12115/EN1761 16 BAR – 232 PSI Ω/T
- Embossed strip : GOODALL PETRALFLO SD – EN 12115:2011/EN1761:1999 – NBR1 – SD – diam – 16 bar - Ω/T - quarter/year

STANDARD LENGTHS:

- 40 meters
- 131.2 feet

PETRALFLO SD

ID		OD		maximum working pressure		minimum burst pressure		vacuum	minimum bend radius		weight	
mm	inch	mm	inch	bar	psi	bar	psi	%	mm	inch	kg/m	lb./ft.
19.0	3/4	31	1.22	16	232	64	928	90	120	4.7	0.85	0.57
25.0	1	37	1.46	16	232	64	928	90	150	5.9	1.05	0.71
32.0	1 1/4	44	1.73	16	232	64	928	90	175	6.9	1.25	0.84
38.0	1 1/2	51	2.01	16	232	64	928	90	225	8.9	1.50	1.01
50.0	2	66	2.60	16	232	64	928	90	275	10.8	2.40	1.61
63.0	2 1/2	79	3.11	16	232	64	928	90	300	11.8	2.95	1.98
75.0	3	91	3.58	16	232	64	928	90	350	13.8	3.40	2.28
100.0	4	116	4.57	16	232	64	928	90	450	17.7	4.85	3.26
125.0	5	145	5.71	16	232	64	928	90	600	23.6	6.65	4.47
150.0	6	170	6.69	16	232	64	928	90	750	29.5	8.70	5.85

All data at 68°F/20°C

Goodall® PETRALFLO SD • OIL EN12115/EN1761 16 BAR - 232 PSI Ω/T



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