



## ACIDKEM D

EXCEEDS EN 12115

### APPLICATION :

- Exceptional flexible chemical hose for discharge applications for different types of acids, alkalis, esters and ketones
- Superior design for use in chemical plants, ship, barge and tank truck service.
- Braided construction is very flexible and resistant to kinking
- Ultra-high working pressure of 20bar/ 300psi for more safety
- Designed with fully conductive rubber compounds for added safety, ideal for applications in which static electricity can occur
- Classification Grade Ω/T

### TEMPERATURE RANGE :

- -40 °F to 203 °F
  - -40 °C to 95 °C
- OPEN END STEAM CLEANING UP TO 266°F/130°C (MAX 30 MINUTES)

### BURST PRESSURE:

- Minimum 4:1

### MATERIAL TUBE :

- Extruded, smooth, homogeneous and seamlessly black EPDM rubber
- Electrical conductive R < 10<sup>6</sup> Ω

### REINFORCEMENTS :

- Multiple high tensile textile braids

### MATERIAL COVER :

- Black, smooth EPDM rubber
- Electrical conductive R < 10<sup>6</sup> Ω
- Very good abrasion, weather and ozone resistance

### BRANDING:

- Purple stripe: GOODALL ACIDKEM D • CHEMICAL EN 12115 20 BAR – 300 PSI Ω/T
- Embossed stripe: GOODALL • ACIDKEM D • EN 12115:2011 • EPDM • D • DN \* • 20 BAR • 300 PSI • Ω/T • Month – Year

### STANDARD LENGTHS:

- 13 mm, 19 mm, 25 mm and 32 mm: 60 meter, 197 feet
- All other sizes: 40 meter, 131.2 feet

### ACIDKEM D

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.
13.0	1/2	23	0.91	20	300	80	1200	50	90	3.5	0.39	0.26
19.0	3/4	31	1.22	20	300	80	1200	50	125	4.9	0.63	0.42
25.0	1	37	1.46	20	300	80	1200	40	150	5.9	0.76	0.51
32.0	1 1/4	44	1.73	20	300	80	1200	40	175	6.9	0.83	0.56
38.0	1 1/2	51	2.01	20	300	80	1200	40	225	8.9	1.00	0.67
50.0	2	66	2.60	20	300	80	1200	30	275	10.8	1.52	1.02
63.0	2 1/2	79	3.11	20	300	80	1200	-	300	11.8	1.89	1.27
75.0	3	91	3.58	20	300	80	1200	-	350*	13.8*	2.25	1.51
100.0	4	116	4.57	20	300	80	1200	-	450*	17.7*	3.08	2.07

\* Only applies to operation at not less than 1 bar, otherwise the hose will kink.

All data at 68°F/20°C



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