



## ACIDKEM SD

EXCEEDS EN 12115

### APPLICATION :

- Exceptional flexible chemical hose for suction and 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 has excellent flexibility and resistance to kinking
- Designed with fully conductive rubber compounds for added safety, ideal for applications in which static electricity can occur
- Ultra-high working pressure of 20bar/300 psi for more safety
- 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
- Dual steel helix wire

### MATERIAL COVER :

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

### BRANDING:

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

### STANDARD LENGTHS:

- 40 meters
- 131.2 feet

### ACIDKEM 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	20	300	80	1200	92	125	4.9	0.60	0.40
25.0	1	37	1.46	20	300	80	1200	92	150	5.9	0.71	0.48
32.0	1 1/4	44	1.73	20	300	80	1200	92	175	6.9	0.88	0.59
38.0	1 1/2	51	2.01	20	300	80	1200	92	225	8.9	1.10	0.74
50.0	2	66	2.60	20	300	80	1200	92	275	10.8	1.90	1.28
63.0	2 1/2	79	3.11	20	300	80	1200	92	300	11.8	2.40	1.61
75.0	3	91	3.58	20	300	80	1200	92	350	13.8	3.08	2.07
100.0	4	116	4.57	20	300	80	1200	92	450	17.7	3.91	2.63

All data at 68°F/20°C

