



APPLICATIONS

- Flexible hose/ ducting for gases and for abrasive dust, powder, fibers
- Extraction unit, de-dusting system, filter system, oil mist extraction
- Extraction arm
- Chemical industry: Chemical Vapours, Vapour return hose at loading arm, paint steam, spray mist extraction
- Explosion hazard area
- Barn ventilation
- Bus, utility vehicle, caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel/ marine, yacht: ventilation, heating
- Clean room ventilation, semiconductor production machine
- Bellows, compensator

Temperature Range
-40°C to 90°C
short time to 125°C

PROPERTIES

- Super-light weight
- Highly flexible + compressible 3:1
- wall thickness 0,4 mm approx
- Abrasion-resistant
- Microbe resistant
- Good resistance to oil, gasoline and chemicals
- Very good low temperature flexibility
- Flame-retardant according to: UL94-HB
- Flame-retardant according to: DIN 4102-B1
- Permanently anti static wall: according to ISO 8031 electrical and surface resistance <math><10^9 \Omega</math> (according to NFPA 652 $10^8</math>- $10^9 \Omega</math>)$$
- In accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- Conforms to the safety regulations of the German Wood Trade Association
- According to DIN 26057 Type 1
- Conforms to RoHS guideline

I.D. (IN / MM)	OUTER Ø (MM)	PRESSURE DIN 26057 (50% ELONGATION) (BAR)	VACUUM DIN 26057 (AXIALLY FIXED) (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)
2 / 50-51	58.00	0,480 (1,42)	0,170 (0,85)	33.00	0.28
- / 80	88.00	0,305 (0,89)	0,110 (0,34)	48.00	0.44
4 / 100-102	108.00	0,245 (0,71)	0,055 (0,30)	58.00	0.51
5 / 125-127	133.00	0,195 (0,57)	0,045 (0,19)	71.00	0.63
6 / 150-152	158.00	0,160 (0,48)	0,035 (0,13)	83.00	0.76
8 / 200-203	208.00	0,120 (0,36)	0,025 (0,11)	108.00	1.03

For more information, please get in touch at info@dustspares.co.uk