

Electrically conductive polyurethane hose, heavy

Applications

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- Coal mine, mine, tunnelling: ventilation, methane extraction
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings

Properties

- heavy duty
- highly abrasion resistant

- increased pressure and vacuum resistance
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- electrically conductive wall: electrical and surface resistance $<10^3 \Omega$ (according to NFPA 652 $<10^6 \Omega$)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- according to DIN 26057 Type 3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -40°C to 90°C

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: electrically conductive premium ester-polyurethane (Pre-PUR®)
- wall thickness 1,4 - 1,5 mm approx.

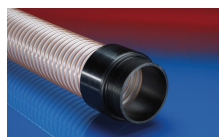
Delivery variants

- further diameters and lengths available on request
- black (standard)
- customer-specific branding

Accessories



CONNECT 270-271



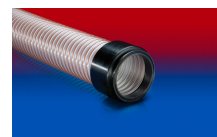
CONNECT 242



CLAMP 216



CONNECT SAFETY
CLAMP ASSEMBLY
231



CONNECT 245



CONNECT 246 AS



CONNECT THREAD
FITTING 234



CONNECT 243



CLAMP 217



CONNECT 240 EC



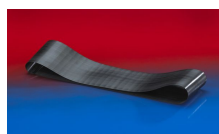
CONNECT MOULD
ASSEMBLY 233



CLAMP 213



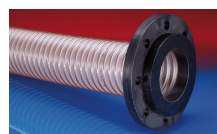
CONNECT 223



CONNECT 228



CONNECT PRESS
ASSEMBLY 232



CONNECT 244



CONNECT 240 + 241
AS



CLAMP 212 EC



CLAMP 212