

## Other and special hoses - extraction hoses for industrial hoovers



### FLEXOCOND / FLEXOCOND P PLUS

#### Conductive polyethylene extraction hose

**Hose material:** black special polyethylene (PE) and elastomer, reinforcing spiral moulded into the hose material

**Operating temp:** -20°C to +60°C (temperature-dependent operating vacuum)

A very lightweight, flexible, crease-resistant hose designed for extracting air, fumes, fibre dust, dust and other light substances. Used in industrial hoovers. Made of conductive polyethylene (PE) and elastomer, with low material resistance, perfect for applications where the accumulation of electrical charges must be avoided (the hose must then be effectively earthed). The external reinforcing helix in the hose profile, which is left-handed, makes it possible to screw on suitable nozzles for hoovers with left-handed threads (it is possible to use plastic nozzles for EVA hose: DN32, 38 and 50 or suitable conductive nozzles). It is also possible to mount the hose using hose clamps on suitable nozzles, pipe spigots, etc.

FLEXOCOND P PLUS (diameters DN38 and DN50) has an ATEX declaration of conformity and TRGS 727 and can be used in explosion hazardous areas, provided the hose is effectively earthed and the user has carried out a risk analysis.

| index           | type             | DN [mm] | internal diameter [mm] | external diameter [mm] | overall thickness [mm] | helix pitch [mm] | vacuum 23°C [bar] | bend radius [mm] | mass [kg/m] | Roll length [m] |
|-----------------|------------------|---------|------------------------|------------------------|------------------------|------------------|-------------------|------------------|-------------|-----------------|
| ME-FLEXOCOND-32 | FLEXOCOND        | 32      | 32                     | 40,4                   | 4,2                    | 5,8              | 0,8               | 63               | 0,215       | 30              |
| ME-FLEXOCOND-38 | FLEXOCOND P PLUS | 38      | 38,5                   | 48                     | 4,8                    | 5,8              | 0,7               | 70               | 0,3         | 30              |
| ME-FLEXOCOND-50 | FLEXOCOND P PLUS | 50      | 51                     | 60,5                   | 4,8                    | 5,8              | 0,6               | 80               | 0,4         | 30              |

