

Spiral Insulated Hose for ATES S.H.R.®™ PCAir Hose Retriever

Description

The hose is manufactured by three layers of fabric clipped together by steel wire. The hose is manufactured in helicoidal fabric band joined by a special steel wire that is bent and clipped together with the fabric band.

The steel spire is not covered by PVC stripe and have a pitch of 12 cm and diameter of 5 mm.

The standard length is 7 m, joined by zip and Velcro.

The hose ends with a reduction 14" to 8" to connect the aircraft adaptor.



Advantages

- Reduced weight
- Reduced friction of the steel wire on apron surface, compared with PVC stripe
- Increased compression ratio in the retriever by the absence of the black PVC stripe
- Mechanical crimping of the steel wire on the hose fabric without any welding process.

The result is max extended life of the hose and easier manoeuvrability.

Specifications

Diameter:	14", 360 cm
Fabric:	Outside and inside layers are made of polyester PVC coated, while the middle insulation fabric is 2 or 5 mm foam. The air trapped within the sections is a remarkable additional factor of thermal insulation
Weight:	2.8 kg/m
Breaking resistance:	2700 N / 5 cm (ISO 1421/1)
Tearing resistance:	270 N (DIN 53363)
Thermal conductivity:	0,06 W/m ² K
Operating temperature:	-20/+70°C
Inflammability:	NFPA 701
Service pressure:	up to 12.000 Pa
Test pressure:	20,000 Pa

