



Ground Support Equipment Hoses

TSU Hoses - Toilet Service Units

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Hoses for toilet service units (TSU-hoses)

The Masterflex Group can offer 3 versions of TSU flexible hoses, made of polyurethane:

- Profile-extruded, microbe-resistant and hydrolysis-resistant PU-hoses with a steel wire inside: Master-PUR L-MHR / Master-PUR H-MHR
- 2 Crush-proof PU-foil hoses with different specialized end-fittings:
 - One-layer polyurethane film, 0,7 mm thickness with 3-layer spiral-free endings (US version)
 - Double-layered polyurethane film, 1,0 mm thickness with 7mm blue tubing (European version)

Properties

Master-PUR STEP hose construction, crush-proof and extremely flexible

Hose Versions

The most well-known version is fabricated in 4 inch diameter and it fits on Rockwell Collins couplings shown below (real diameter for the end-fittings: 106 mm)

Dimensions

- Length: TSU hoses are usually available in lengths ranging from 8 to 12 feet
- Diameter: 4" (at the end-fittings: 106 mm)



2 meter toilet discharge hose profile-extruded hose with steel wire



2 meter toilet discharge hose one-layer US-version



2 meter toilet discharge hose two-layer European-version



Connection system





TSU - (Toilet Service Unit)



Equipped lavatory cart

Product Application

These specific hoses are used in the aerospace industry, and are especially designed for airport applications.

This product has proven itself a highly valuable and versatile component in the GSE (Ground Support Equipment) of many airports. Its unique function is to discharge the toilets when the aircraft are grounded.

Advantages

- high quality
- lightweight
- transparent (easy to check for blockages)
- have a great design compared to PVC and rubber hoses
- come at great, competitive prices

Also available: hoses for ground support equipments including Air Start Unit (ASU), De/anti-icing vehicles, rubber removal for runways, runway maintenance, Bumpers for passenger boarding steps/ramps, Pre-Conditioned Air units (PCA)





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