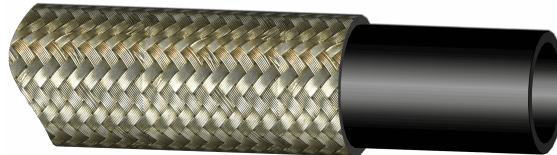




information@hydrasearch.com
+1.410.643.8900

3H-236-16 – Lightweight Medium Pressure Hoses

SKU: 3H-236-16



Description

- In accordance with MIL-DTL-83797. Hydrasearch lightweight hose assemblies can be used as flexible connections in medium pressure airframe applications where flexibility, weight and fire resistance are important. Hydrasearch lightweight hose is used for applications with operating pressures up to 1000 PSI, and having a temperature range of -65°F to +250°F (see MIL-DTL-83797 for specific temperature ranges). Not recommended for hydraulic impulse applications or vacuum applications without internal support spring.

Specification Table

application	Aircraft Power Plant And Airframe Oil And Fuel Lines. Hydraulic Applications Must Have Hydrasearch Approval.
pa_construction	A. Inner Tube: Synthetic Rubber Or Copolymer. B. Reinforcement: Stainless Steel Wire Braid (Partial Inner Braid). C. Outer Cover: Full Coverage
hose_id	0.875
pa_hose-od-in	1.156
hose_size	1
pa_identification	Stainless Steel Wire Braid Outer Cover Band With The Specification Pin
max_operating_pressure_psi	750
pa_mil-hose-part-no	M83797/1-16-Xxxx
pa_mil-spec	Mil-Dtl-83797
pa_min-bend-radius-in	5.50
pa_min-burst-pressure-psi	3
pa_operating-systems	A. Severe Vibrating And Flexing. B. Resistant To Engine Oil And Cleaning Solvent Externally. C. Internal And External Temperatures From -65°F To +250°F. D. Internal Fluids
pa_proof-test-pressure-psi	1

weight_lbs_per_in	0.037
pa_notes	Mil Hose Part No.: xxxx – The First Three Digits Indicate Length In Inches. The Fourth Digit Indicates Eighths Of An Inch. Dimensional Information Is For Reference Only. Variations From T

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