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183795-2 – Technical Data Sheet

✓ Government record, cited

— · PIPE SECTION

WHAT YOU NEED TO KNOW

Schedule = wall thickness, NOT diameter Nominal pipe size != actual OD

⚠ Sch 40 and Sch 80 same OD, different wall

PRODUCT OVERVIEW

The HOSE ASSEMBLY, NONMETALLIC is a the manufacturer industrial component. Key specifications include flow_angle: 90.0 DEGREES SECOND END, seat_angle: 37.0 DEGREES SECOND END, temp_rating: -65.0 FAHRENHEIT AND 300.0 FAHRENHEIT SINGLE RESPONSE DEGF, thread_class: 3B SECOND END, exterior_color: NATURAL, connection_type: THREADED INTERNAL TUBE SECOND END. This part is cataloged in the U.S.

Government catalog under NSN 4720-00-001-6519, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

183795-2

NSN: 4720-00-001-6519

FSC: 4720 — Hose and Flexible Tubing

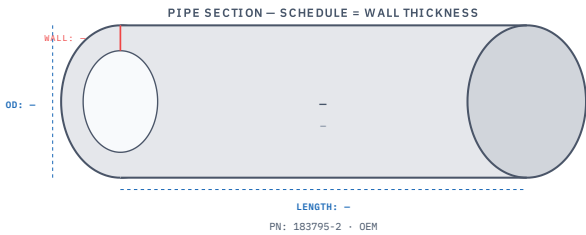
CAGE: 24930 — L3HARRIS TECHNOLOGIES, INC
DIV SPACE & AIRBORNE SYSTEMS (USA)

SPECIFICATIONS

flow_angle	90.0 DEGREES SECOND END
seat_angle	37.0 DEGREES SECOND END
temp_rating	-65.0 FAHRENHEIT AND 300.0 FAHRENHEIT SINGLE RESPONSE DEGF

thread_class	3B SECOND END
exterior_color	NATURAL
connection_type	THREADED INTERNAL TUBE SECOND END
inside_diameter	0.500 INCHES NOMINAL IN
connection_style	SWIVEL NUT FLARE FIRST END
outside_diameter	0.800 INCHES NOMINAL IN
special_features	FIRST END MARKED 30-1 MANIFOLD A PORT 2 TEE,SECOND END MARKED 30-1B MANIFOLD B PORT 1 SWITCH
thread_direction	RIGHT-HAND FIRST END
operating_pressure	1000.0 POUNDS PER SQUARE INCH (PSI) MAXIMUM LOCATION NOT OTHERWISE SPECIFIED LBS
NSN	4720-00-001-6519

COMPONENT DIAGRAM



⚠ **VERIFY BEFORE ORDERING**

Schedule = wall thickness, NOT pipe diameter. Sch 40 and Sch 80 have the same OD but different wall thickness.
Nominal pipe size ≠ actual OD – a 1" pipe is actually 1.315" OD

✓ **BROKER TIP**

Sch 40 = standard wall, Sch 80 = heavy wall (higher pressure), Sch 160 = extra heavy.
Seamless pipe is required for high-pressure applications – welded pipe has lower ratings

PARTSTABLE TECHNICAL DRAWING – NOT TO SCALE

KEY FEATURES

- **FLOW ANGLE: 90.0 DEGREES SECOND END**

- **MEASURING METHOD AND LENGTH:**
26.000 INCHES NOMINAL WORKING IN
- **TEMP RATING:** -65.0 FAHRENHEIT AND 300.0 FAHRENHEIT SINGLE RESPONSE DEGF
- **MINIMUM INSIDE BENDING RADIUS:**
6.500 INCHES IN
- **CONNECTION STYLE:** SWIVEL NUT FLARE SECOND END
- **LAYER COMPOSITION AND LOCATION:**
OUTER LAYER BRAIDED CORROSION RESISTANT STEEL WIRE
- **CONNECTION TYPE:** THREADED INTERNAL TUBE SECOND END

TECHNICAL CHARACTERISTICS

FLOW ANGLE	90.0 DEGREES SECOND END
MEASURING METHOD AND LENGTH	26.000 INCHES NOMINAL WORKING IN
TEMP RATING	-65.0 FAHRENHEIT AND 300.0 FAHRENHEIT SINGLE RESPONSE DEGF
MINIMUM INSIDE BENDING RADIUS	6.500 INCHES IN
CONNECTION STYLE	SWIVEL NUT FLARE SECOND END
CONNECTION STYLE	SWIVEL NUT FLARE FIRST END
LAYER COMPOSITION AND LOCATION	OUTER LAYER BRAIDED CORROSION RESISTANT STEEL WIRE
CONNECTION TYPE	THREADED INTERNAL TUBE SECOND END
CONNECTION TYPE	THREADED INTERNAL TUBE FIRST END
CROSS-SECTIONAL SHAPE STYLE	ROUND

OTHER ITEMS IN FSC 4720 — HOSE AND FLEXIBLE TUBING

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

4720-00-000-0080	4720-00-000-0081	4720-00-000-0084	4720-00-000-0724
4720-00-001-0014	4720-00-001-0015	4720-00-001-0023	4720-00-001-0025

SUBSTITUTES & CROSS-REFERENCES

LIFECYCLE

No substitute or cross-reference records for this part.

NSN status

Active

· U.S. Government catalog

Acquisition advice: Normally procured from the manufacturer (OEM)

No demilitarization required

FREQUENTLY ASKED QUESTIONS

What is 183795-2?

183795-2 is a HOSE ASSEMBLY, NONMETALLIC.

What is the NSN for 183795-2?

183795-2 is cataloged in the U.S. Government catalog under NSN 4720-00-001-6519. This indicates validated use in U.S. government and defense supply chains.

✓ PartsTable — the parts reference. Every fact cited to its source.

PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.