NEOPRENE CABLE JACKET TUBING

MIL-PRF-6855/4A (Formerly MIL-R-6855/4)

Military-Grade Protection for Wire & Cable Bundles

Hanna Rubber Company extrudes synthetic rubber tubing that meets MIL-PRF-6855/4A for petroleum-oil, weather, and ozone resistance. Our most common material is Class 2 neoprene (CR / chloroprene), designed to slip loose over harnesses or be blown onto wire bundles for a tight, abrasion-resistant jacket.

Class 2 • Type A or B • Grade 60 • Black Neoprene • Made in the USA

OIL & WEATHER RESISTANT

Petroleum oils, ozone, and weather resistance per Class 2, Type A or B.

ABRASION PROTECTION

Protects harnesses from chafing, corrosion, and the elements.

INSTALLS FAST

Fits loose or can be blown onto bundles for a tight, clean jacket.

STANDARD, CUSTOM & BULK LENGTHS

Standard MIL lengths, custom cut lengths, and continuous/bulk lengths available.

Trusted since 1925 by industrial, construction, automotive, military, and government customers.
We welcome the jobs our competitors won't touch. We'll make your product the way you want it.

MIL-PRF-6855/4A

(Formerly MIL-R-6855/4)

Custom Rubber Extrusions
Molded Products
Fabricated Components
Military Specification Products
Since 1925

QUICK SPECIFICATIONS

Specification	MIL-PRF-6855/4A (Formerly MIL-R-6855/4)
Typical Class / Type / Grade	Class 2 • Type A or B • Grade 60
Polymer (typical)	Neoprene (CR / chloroprene)
Color	Black
Durometer (typical)	60 Shore A
Tensile strength (typical)	1,500 psi minimum
Elongation (typical)	300% minimum
Service temperature (typical)	–50 °F to +220 °F
Standard MIL sizes	See Stock Sizes table (Tables IIA – IIC)
Hanna custom capabilities	Custom IDs, walls, and lengths Bulk / continuous lengths available
Finish	Smooth, talc present (per spec)

STOCK SIZES — MIL-PRF-6855/4A (CLASS 2 GRADE 60)

Hanna stocks light-wall and heavy-wall tubing. Custom IDs, walls, and lengths on request.

ID (in)	OD (in)	Wall (in)	Specification	Std. Lengths
1/8	1/4	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/16	5/16	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/16	7/16	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1/4	3/8	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1/4	1/2	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1/4	3/4	1/4	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
5/16	7/16	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
5/16	1/2	3/32	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/8	1/2	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/8	5/8	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
7/16	9/16	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1/2	5/8	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1/2	3/4	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
5/8	7/8	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/4	7/8	1/16	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
3/4	1	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft
1	1-1/4	1/8	MIL-PRF-6855/4A Class 2 Grade 60	50 / 100 ft

Non-conductive neoprene also stocked in selected sizes. Tolerances per MIL-PRF-6855/4A Tables IIA – IIC. Length tolerance –0% / +3%.

TYPICAL APPLICATIONS

- Wire and cable harness jackets
- Aircraft and shipboard bundles
- Ground-vehicle wiring protection
- Missile, radar, and C4ISR cables
- Engine-bay abrasion sleeves
- Outdoor ozone/weather barriers
- Blown-on replacement jackets

CLASS 2 PERFORMANCE (Typical)

Oil	Petroleum oils & many fluids
Ozone	Type A high / Type B low
Cold	Flexible to –50 °F
Tensile	1,500 psi minimum
Stretch	300% elongation minimum

HOW THE SPEC IS WRITTEN

MIL-PRF-6855/4 part numbers (PINs) identify class, type (when applicable), grade, size (wall and ID), and length code.

Example: M6855/4-2A605

Class 2, Type A, Grade 60
Light-wall, .250 ID (size code)
Length code 5 = 144 inches (12 feet)

WHY HANNA RUBBER

- Manufacturing in Kansas City since 1925
- Military, industrial & commercial specs
- In-house extrusion and custom dies
- ISO 9001:2015 quality system
- Stocked MIL compounds, short leads
- Custom IDs, walls, and cut lengths
- Standard, custom & bulk lengths

REQUEST A QUOTE

816-221-9600
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www.hannarubber.com

Ask for MIL-PRF-6855/4A tubing.