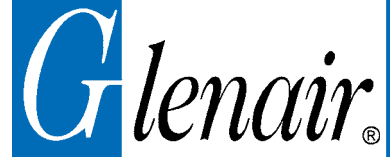


Glenair BlueJacket
U.S. Navy Qualified Jacketing Material
Material Specification



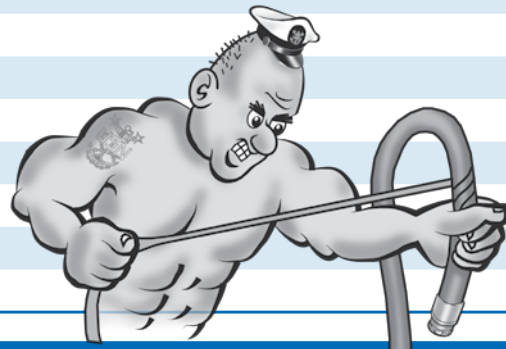
MIL-PRF
 24758A

A

Glenair has developed and qualified a new formula jacketing material, which we are calling “BlueJacket” in honor of the men and women of the U.S. Navy who work with these products in arduous conditions on a daily basis. The material is low smoke, halogen free, high UV tolerant, and meets both U.S. Navy and aerospace fluid requirements. The color of Mil-PRF-24758A “BlueJacket” conduit is standard US Navy haze gray in accordance with Fed Std 595B #26270. If other colors are desired, contact the factory at (818) 247-6000. The material has the following performance characteristics:

GLENAIR “BLUEJACKET” MATERIAL SPECIFICATIONS

Temperature rating: -70°C to +200°C (with excursions to 260°C)
Halogen free per IEC 60614-1. Less than 5mg of hcl per 1 gm of product tested.
Accelerated Weathering (Solar) per IEC 60068-2-5; 56 days exposure
Flame Resistant per IEC 60614-1; Material does not sustain combustion when the source of flame is removed.
Low Smoke Index per NES 711 (11.75); Minimum standard is 25. The Glenair tested level is 11.75. This makes the material acceptable for interior applications as well as topside.
Smoke Density Class F1 Per NF F 16-101 IAW DIN EN 60695-2-11:2001
Toxicity Index per NES 713 (1.9); Minimum standard is 5. The Glenair tested level is 1.9. This makes the material acceptable for interior applications as well as topside.
Colorable to Fed Std 595B
Markable IAW MIL-PRF-24758A
Oxygen Limiting Index = 45.1 Per EN ISO 4589-2:1999; Minimum is 28.
12 Sec Vertical Burn: (Pass) Per 14CFR Part 25.853(a) amdt 25-116 App F Part 1 (a)(1)(ii)
Fluids Per MIL STD 810F, Method 504
Fuel (MIL-T-83133): JPG
Hydraulic Fluid (MIL H 5606): ROYCO 756
Lube Oil (MIL-L-23699): ROYCO-500
Cleaner (MIL-C-85570): CALLA-855
Solvent (Isopropyl Alcohol): TT-I-735
De Icer (AMS-1432): E36 Runway Deicer
Coolant (MIL-C-87252): Coolanol 25R
Fire Extinguishant Foam: AMEREX AFFF



MASTER SEAL Self-Vulcanizing Sealing Tape

GLENAIR PART NO. 687-758

“BlueJacket” material sealing tape designed for temporary repair of topside conduit. Glenair Master Seal stops water incursion into conduit until a permanent repair using MIL-PRF-24758A system components can be made.