

Section D **METALLISED TEXTILES OVER FOAM** **84-SWN-XXX**

Codes - 830-832

84-SWN-XXX is a copper-nickel coated polyester wrapped around polyurethane foam. Our standard polyester is rip-stop or taffeta weave, and our standard coating is nickel copper, but other variations are available. Our standard foam is a fire retardant thermoplastic foam, but other foams can be supplied.

We have a wide range of cross sections including rectangular, D, L, square, circular, P etc. Our standard product has a maximum length of 2 metres but rolls of product can be supplied, as can cut to length gaskets with mitre joints. UL94VO rated gaskets can be offered.

Typical Properties of Standard 84-SWN-XXX constituents

CONDUCTIVE FABRIC – EXAMPLE TAFFETA WEAVE POLYESTER

| | |
|------------------------------------|---------------|
| Taffeta Weave polyester | |
| Filament Count | 110 per cm |
| Shielding Effectiveness 30MHz-1GHz | 65 dB - 80 dB |

FOAM—EXAMPLE BLACK THERMOPLASTIC FOAM

| | |
|------------------|-------------------------|
| Density | 42-48 kg/m ³ |
| Tear Strength | 1 kg/cm |
| Tensile Strength | 1 kg/cm ² |
| Elongation | >100% |
| Compression Set | 20% maximum |
| Flammability | FMVSS 302 |

PRESSURE SENSITIVE ADHESIVE TAPE

| | |
|----------------------|------------|
| Thickness | 0.1 mm |
| Temperature Range °C | -10 to +80 |
| Colour | White |

New Metals & Chemicals Ltd.

Newmet House, Rue De St Lawrence, Waltham Abbey, Essex, EN9 1PF, UK

☎ : +44 (0) 1992 711111 / ☎ : +44 (0) 1992 768393 (✉ : materials@newmet.co.uk * 🌐 : www.newmetalsandchemicals.com

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