Cable Compounds

RADIATION CROSS-LINKABLE SHEATHING COMPOUNDS FOR OFFSHORE & SHIPS
**NEK 606**

The ideal radiation cross-linkable sheathing compounds for your Offshore and Shipboard cables.

**Mecoline S RDX 1203 F**
- The economic choice.
- Operating temperature: -25 to 105°C
- Shore hardness: 50 D
- Tensile strength at break: 14.3 N/mm²
- Elongation at break: 173 %
- LOI: 34%
- Oil resistance level: oil-resistant
- Special Features: halogen-free
- Standards: EN 50264 EM101-104, SHF2, NEK 606
- Application: Offshore, Marine, Rolling Stock

**Mecoline S RDX 1212 F**
- Very flexible at low temp. (-50°C).
- Operating temperature: -50 to 125°C
- Shore hardness: 87 A
- Tensile strength at break: 11.1 N/mm²
- Elongation at break: 272 %
- LOI: 28%
- Oil resistance level: oil-resistant
- Special Features: flexible, halogen-free
- Standards: SHF2, NEK 606
- Application: Offshore, Shipboard

**Mecoline S RDX 1215 F**
- Flexible & highly flame retardant.
- Operating temperature: -60 to 125°C
- Shore hardness: 83 A
- Tensile strength at break: 13.0 N/mm²
- Elongation at break: 206 %
- LOI: 42%
- Oil resistance level: oil-resistant
- Special Features: flame-retardant, halogen-free, low smoke, high temp-resistant
- Standards: EN 50264 EM101-104, SHF2, NEK 606
- Application: Offshore, Shipboard, Rolling Stock

Heavy duty cables can be exposed to oils and drilling fluids, extreme climate conditions, ozone, continuous mechanical stresses and in some cases UV radiation. Melos specialty compounds have been designed to withstand these rough conditions.