

slung out from under a load may cause wear to the spiral, thus reducing the wire diameter and requiring the sling to be taken out of service

Nylon has definite advantages for some material handling applications. It is lightweight and inexpensive. However, it also has limits in safe material handling operations.

Nylon slings are not pretested, but they are rated by the manufacturer as to the slings' lifting capability. This capability should always be checked before use. Many nylon slings have their weight limits printed on their surface, and there is a tendency for the ink to fade with wear. A safety professional should

make the renewal of this stamping a part of his continuing inspection of materials handling equipment.

Applications for which nylon mesh is safe will vary from plant to plant. Nylon can be dangerous when used near machinery or steel racks and in the lifting of sharp-edged metals. Yet for safely transporting polished metal it is widely accepted (Fig 26-12).

Wear pads that can be attached to nylon can help alleviate the cutting problem at the lifting edge of the sling but, when taut, nylon can still be sliced easily. Nylon should never be used in temperatures above 180 F or in lifting materials that have been heated beyond that point.

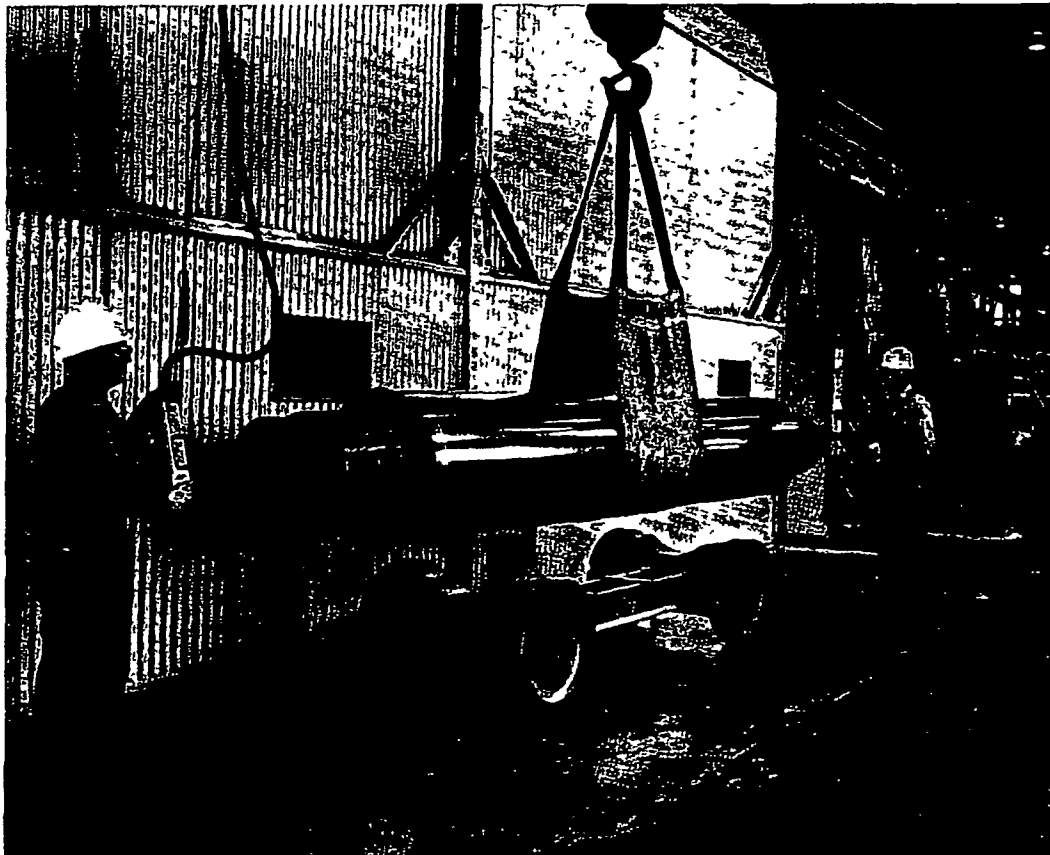


FIG 26-12 —Web sling protects roller's polished surface

Courtesy The Wear-Flex Corp