



Mechanical Rubber Goods



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New eco-friendly yarn coating innovation for adhesion to rubber.

Traditional mechanical rubber goods like hoses, transmission belts, and conveyor dipped cords use RFL-dipped or isocyanate coated textile yarns to achieve high adhesive strengths during rubber vulcanization. Coats has developed a unique new eco-friendly coating that is made from natural tree oils. When applied in an energy efficient manner to filament yarns like polyester, para aramids and meta aramids, it produces a coated yarn with equal or higher adhesive pull out strengths compared to RFL which is essentially a resorcinol formaldehyde latex compound. This new eco-friendly coating complex has been trialed successfully to adhere to different types of neoprene and nitrile rubbers.

Main uses:

- Automotive Hose
- Oil & Gas Hose
- Industrial Hose



- Transmission V belts



- Conveyor belts



Features and benefits:

- New proprietary environmentally friendly coating system for RFL replacement in rubber adhesion
- Adhesive pull out force and peel strengths that match that of RFL in different rubber types
- Can be applied to entire range of textile yarns including polyester, para aramids, and meta aramids
- Precision heavy winders to wind multiple ends in heavy constructions