



NOVITANE Eddy Current Separator Belting

NOVITANE® • SHEETING • CONVEYOR BELTING • CUSTOM PRODUCTS



NOVITANE ECS belts are used on Eddy Current Separator Systems, which offer an economical method of recovering valuable non-ferrous metals from auto shredder fluff, municipal waste, electronic scrap, glass cullet and foundry sands. The NOVITANE ECS belt conveys a thin layer of scrap material over a spinning eddy current rotor installed in a drum pulley, creating a field of energy, repelling the non-ferrous metals such as brass, copper, and aluminum from the rest of the scrap, which is being separated.

The following styles of NOVITANE Conveyor Belting are being used as Eddy Current Separator Belts depending upon the strength of the eddy current and the volume and size of waste material being processed.

* #IG-90/85-COS(8)	Red	1/8"
* #IG-120/85-COS(12)	Red	3/16"
* #IG-150/85-COS(16)	Red	1/4"

Depending on the Eddy Current Separator equipment manufacturer, any of the above belts may have 1-3/16" to 1-9/16" high Corrugated Urethane Sidewalls, or with single or dual "V" Guide Sidewalls with one to two Urethane "T" Cleats, Lug Cleats or Ramp Type Cleats.

NOVITANE Belt Benefits:

- Polyurethane saturated polyester carcass eliminates ply & cover delamination.
- Tears & punctures are easily repaired with Hot Air Gun and Weld Rod.
- Can be easily made endless on the system with Hot Air Gun and Weld Rod.
- Highly abrasion resistant urethane belt cover, sidewalls and "T" cleats.



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NOVITANE ECS belts can be used on the following brands of separator systems.

Eddy Current Separator and Air Induction Separator Manufacturers:

- Dings
- Eriez
- Huron Valley Steel
- Hustler Conveyor
- Lindemann (Metso)
- Osborn Engineering
- Rutherford
- SGM Magnetics
- Steinert
- Wendt