APPLICATION GUIDE

Novex Die Cutting Belts

Novex offers a specialized range of polyurethane belts designed specifically for die cutting applications. These belts feature cutting surfaces with Shore A hardness ratings of 85, 92, and 95 Durometer, providing excellent cut resistance and a cost-effective service life. While the 85 durometer is the most commonly used, the 95 durometer offers the highest level of cut resistance.

The polyurethane-saturated belt carcass enhances overall belt integrity, while its bottom surface features a low coefficient of friction, making it ideal for slider bed service.

Fabric Strength and Widths:

- 90 PIW fabric is available in widths up to 96”
- 120 PIW fabric is available in widths up to 114”
- 150 PIW fabric is available in widths up to 114”
- 200 PIW fabric is available in widths up to 85”

One of the key benefits of Novex die cutting belts is th eir ability to be spliced endlessly and repaired easily if damaged by accidental die cuts or tears. This is achieved using Novex weld rod and a hot air gun. Unlike other urethane or nylon die cutting belts, this feature significantly reduces downtime and lost production, offering a more efficient and cost-effective solution.

DIE CUTTING BELT SPECICIFICATIONS					
Specification	**Tension Rating**	**OAG**	**Min. Pulley Diameter**	**Color**	**Max Production Width**
FG-90/92-COS	90	1/8"	2"	White	96"
IG-120/85-COS	120	3/16"	4"	Red	114"
IG-150/85-COS	150	1/4"	6"	Red	114"
IG-150/95-COS	150	1/4"	6"	Clear	114"
IG-200/85-COS	200	5/16"	6"	Red	85"
IG-200/95-COS	200	1/4"	6"	Clear	85"
IG-200/95-COS	200	9/32"	6"	Clear	85"

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