

A specially-formulated, PVC-free keder for tension fabric applications. It is manufactured to match typical silicone properties in elasticity and hardness. It is offered with a plain finish for traditional sewing machines, or with a lubricated finish for automated sewing equipment. It also has relatively high heat resistance and a low coefficient of friction for high speed sewing applications without additional cooling.

- Lower cost and faster turn-around time than traditional silicone
- Lubricated to assist both sewing machine feed chutes as well as the actual sewing needles with no talc mess
- Thermoplastic construction allows for high speed production and fast turn around
- Can be recycled in traditional recycling chains that handle polypropylene (PP) based products

STANDARD SPECIFICATIONS	VALUE	TEST METHOD
Specific Gravity	0.930	ASTM D792
Hardness (Durometer Shore A, 10 sec.)	37	ASTM D2240
Tensile Strength (psi)	305	ASTM D412
Tensile Modulus, 100% Elongation (psi)	145	ASTM D412
Elongation, at break (%)	263	ASTM D412
Tear Strength, ppi	91.3	ASTM D624
Dimensional Tolerance (Width)	+/- 0.010" (0.25mm)	N/A
Dimensional Tolerance (Thickness)	+/- 0.004" (0.13mm)	N/A

## STANDARD SIZES

- 3mm x 12mm x 500'
- 3mm x 14mm x 500'
- Custom roll sizes available upon request

## STANDARD ATTRIBUTES

Color: Off-White, Opaque  
Packaging: Corrugated Spools - 500' / Spool  
Core Size: 3" Plastic Plug with 1" Center Hole

## CHEMICAL COMPOSITION DATA

The material used to produce X-Bead Eco Strip is formulated to be environmentally friendly and as such is fully recyclable and PVC-free. X-Bead Eco Strip does **NOT** contain any traceable amounts of any of the following metals and compounds:

### Metals

- Cadmium (Pure and Recycled)
- Lead (Pure and Recycled)
- Mercury (Pure and Recycled)
- Chromium VI (Pure and Recycled)
- Nickel (Extractable)

### Plastics and Rubber

- Bisphenol A (BPA)
- CFCs and HFCs
- Chloroparaffins
- Dimethylformamide (DMF)
- Isocyanates
- Dibuytlin (DBT)
- Dioctyltin (DOT)
- Pentachlorophenol (PCP, including its salts and esters)
- Phthalates
- Polyaromatic Hydrocarbons (PAH)
- Polychlorinated Biphenyls (PCB)
- Polychlorinated Triphenyls (PCB)

*Xcel Products, Inc. does not represent, warrant or guarantee that this will product will work with all equipment.  
Xcel recommends testing the product for all intended applications.*

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