

# Technical Data Sheet



**Culver International Ltd**

**Dynaloy European Manufacturers Agent**

Establishing Distributors and Maintaining  
The European Network for Dynaloy, Inc.



**Engineered Chemistries**

**ISO 9001:2000**

## PUR-Strip 100, 200

### General:

**SAFETY SOAKING SOLVENTS.** The PUR-Strip products are engineered solvent blends that were developed for use in removing cured urethane residues from various types of polyurethane processing equipment. PUR-Strip 100 and PUR-Strip 200 are non-chlorinated, nonflammable (per DOT), non-carcinogenic, non-ozone depleting solvents designed to replace solvents such as methylene chloride, acetone, MEK, and 1,1,1-trichloroethane. They have the benefits of being safer in the workplace and friendlier to the environment. Many alternative soaking solvents used in this application are based on solvents such as n-methyl pyrrolidone (NMP), dibasic ester (DBE), and dimethyl formamide (DMF). The PUR-Strip products are based on completely different chemistry. This new chemistry, when combined with various glycol ethers and alkalinity sources, produce very effective polyurethane removers that are safe to handle.

### Applications:

1. The PUR-Strippers are especially effective for removal of cured urethanes from processing equipment.
2. They are effective in removal of all types of urethanes: flexible, rigid, elastomer, or molded; inks or paints. Effective for both MDI and TDI esters and ethers.
3. The PUR-Strip solvents are distinguishable by their aggressiveness and method of removal. Each product works in two ways – 1) by breaking the bond between the polyurethane and the substrate and removing the contaminant in small pieces and 2) by dissolving the polyurethane.

### Specifications:

	<b>PUR-Strip 100</b>	<b>PUR-Strip 200</b>
<b>Color:</b>	Colorless to light amber	Colorless to light amber
<b>Flash Point:</b>	>165°F	>165°F
<b>Aggressiveness:</b>	mild; aluminum safe	mild; safe for most metals – test on aluminum
<b>Dissolving action:</b>	will separate most urethanes from substrate; will leave pieces and particulate at bottom of soaking bath	fair; will partially dissolve most inks, coatings and foams; will not dissolve elastomers, but will break them into pieces
<b>Bond-breaking action:</b>	excellent	good
<b>DOT shipping regulation</b>	not regulated	not regulated

### Materials of Construction:

**Recommended:** Teflon, butyl rubber, Kalrez, steel, Halar, melamine, Nylon 101, HDPE, EPDM, polypropylene

**Avoid:** Viton, PVC, ABS, Buna-N, Durel, Hypalon, Kynar, Lucite, Neoprene, PET, polyester, polysulfone, Ultem, Valox.

### Caution:

Safety goggles and impervious gloves should be worn when handling any industrial chemical, including PUR-Strip 100 and 200. Refer to MSDS before use, for disposal, or additional safe handling.

The information in this sheet is based upon our own research and is considered accurate. However, we make no warranty either expressed or implied regarding accuracy and results to be obtained, because operating conditions of users are beyond our control.

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