Replacement of Exhaust Valve Diaphragms in DuPont™ Tychem® Responder®, Tychem® TK and Tychem® Reflector Garments

INCLUDING ENSEMBLES CERTIFIED TO NFPA 1991 AND NFPA 1994

DuPont™ Tychem® TK Level A garments manufactured by DuPont Personal Protection are fitted with Auer exhaust valves. Inspect the exhaust valve diaphragms with a magnifying glass during each garment inspection. The diaphragm should be replaced if there are cracks or evidence of deterioration. Auer recommends replacement of these diaphragms every two years independent of visual inspection.

To replace the diaphragms in Auer valves:

1. Working from the outside of the garment, remove the flexible, outer rubber covers from all exhaust valves. Set these aside to be re-installed after replacement of the diaphragms.

2. Carefully remove the rubber diaphragm from each exhaust valve by rolling the edge of the diaphragm towards the center and peeling it off the center stem.

3. Center the new diaphragm over the stem and push down gently until the diaphragm snaps in place.

4. To replace the flexible outer cover of the exhaust valve, turn the cover inside out, place it over the center of the exhaust valve body and roll the edges over the exhaust valve body until it snaps in place.
DuPont™ Tychem® Responder® and Reflector® Level A garments are fitted with Pirelli exhaust valves. Pirelli recommends routine inspection of the diaphragms in these exhaust valves with a magnifying glass during each garment inspection. The diaphragm should be replaced if there are cracks or evidence of deterioration. Pirelli recommends replacement of these diaphragms every two years independent of visual inspection.

To replace the diaphragms in Pirelli exhaust valves:

1. Working from the outside of the garment, unsnap the perforated, round outer covers from all exhaust valves. Set these aside to be re-installed after replacement of the diaphragms.

2. Carefully remove the rubber diaphragm from each exhaust valve by rolling the edge of the diaphragm towards the center and gently pulling the stem of the diaphragm out of the center of the valve body.

3. Insert the stem of the new diaphragm into the center of the valve body. Gently pull on the diaphragm stem from the inside of the garment while gently pushing in on the center of the diaphragm until the diaphragm clicks into place. You can damage the Pirelli diaphragm by pulling too hard on the flapper stem.

4. Snap the round perforated cover onto the exhaust valve body.

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**Product safety information is available upon request.** This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own determinations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. It is the user’s responsibility to determine the level of risk and the proper protective equipment needed for the user’s particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DUPONT MAKES NO WARRANTIES AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any trademark or patent right.

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