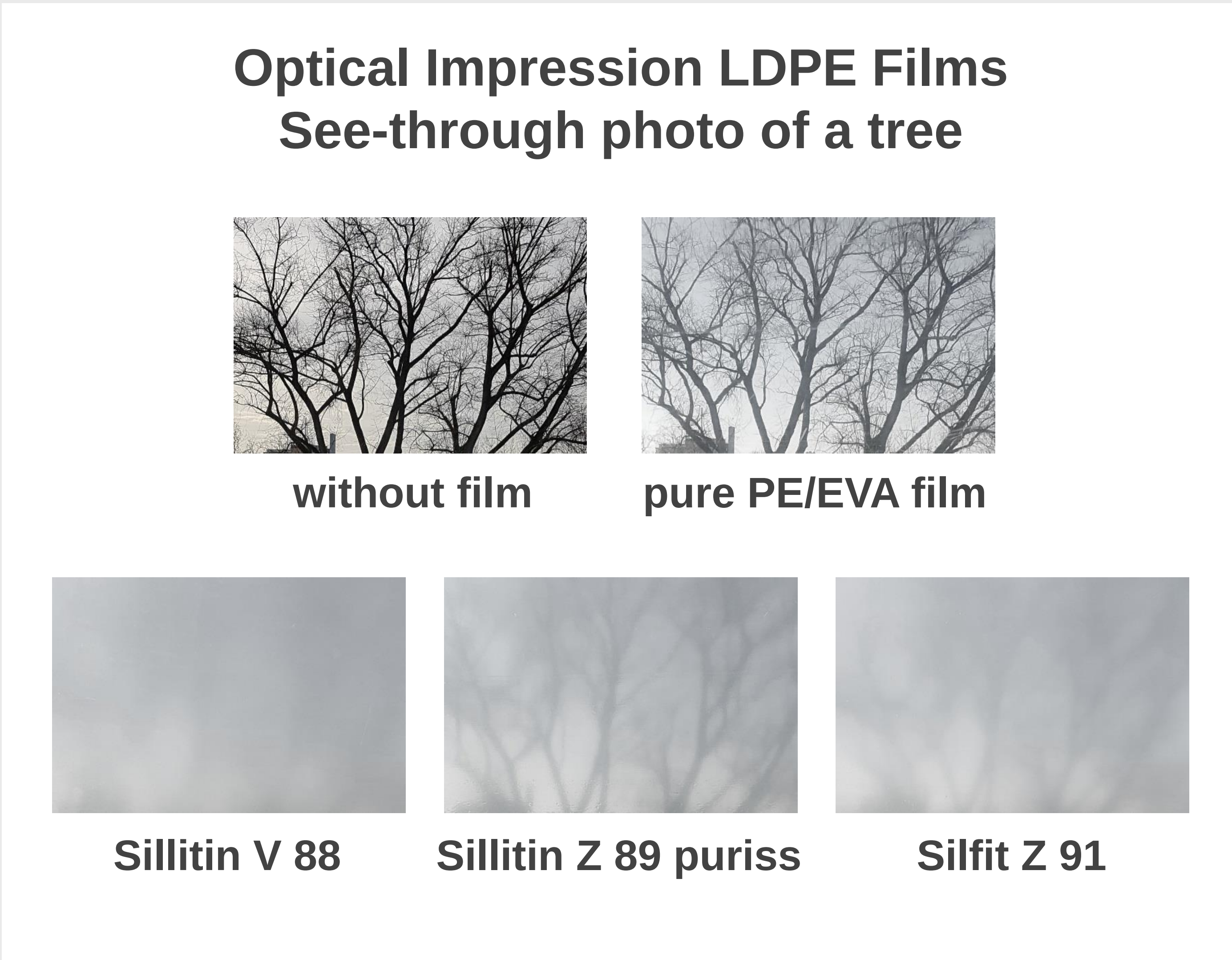
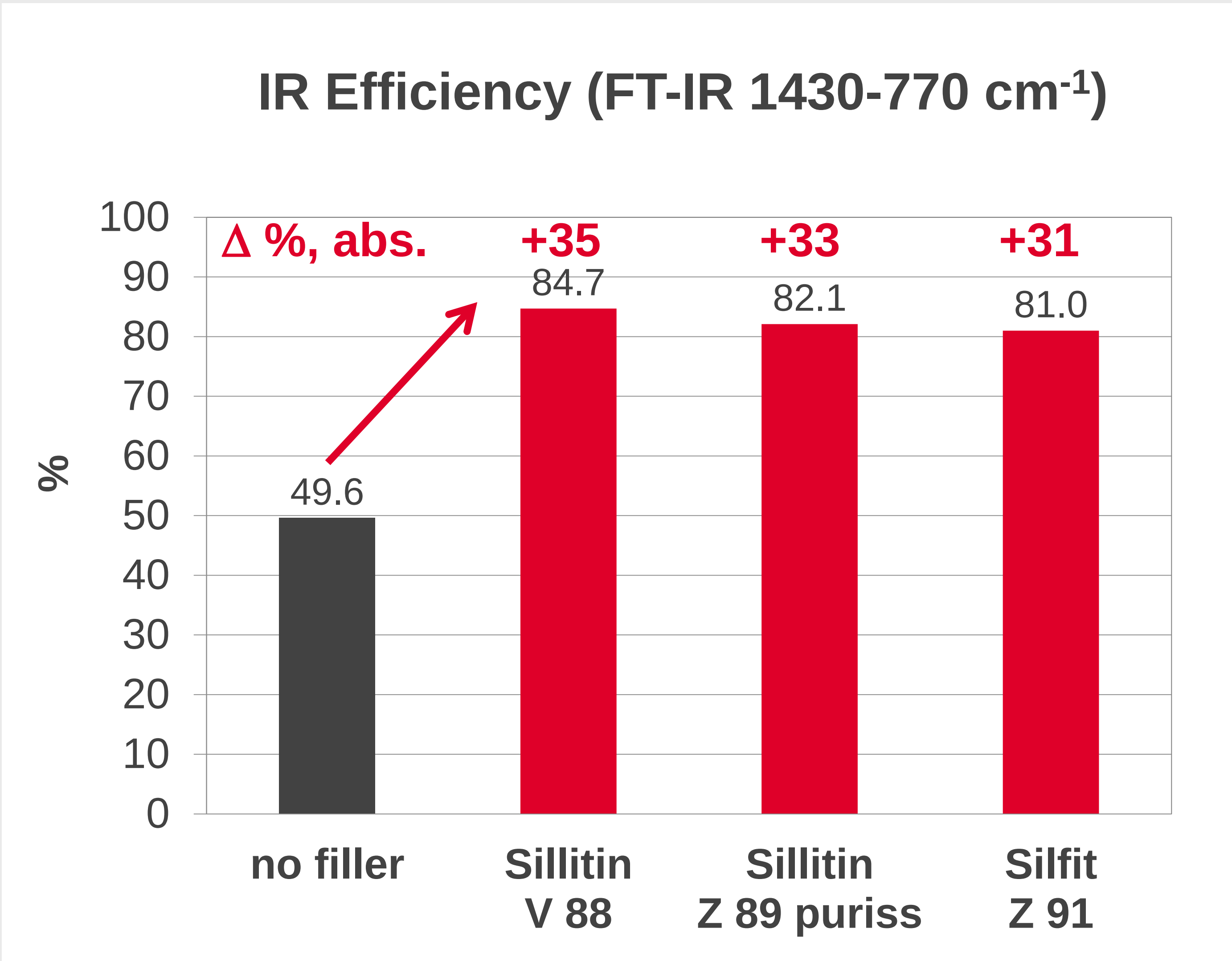
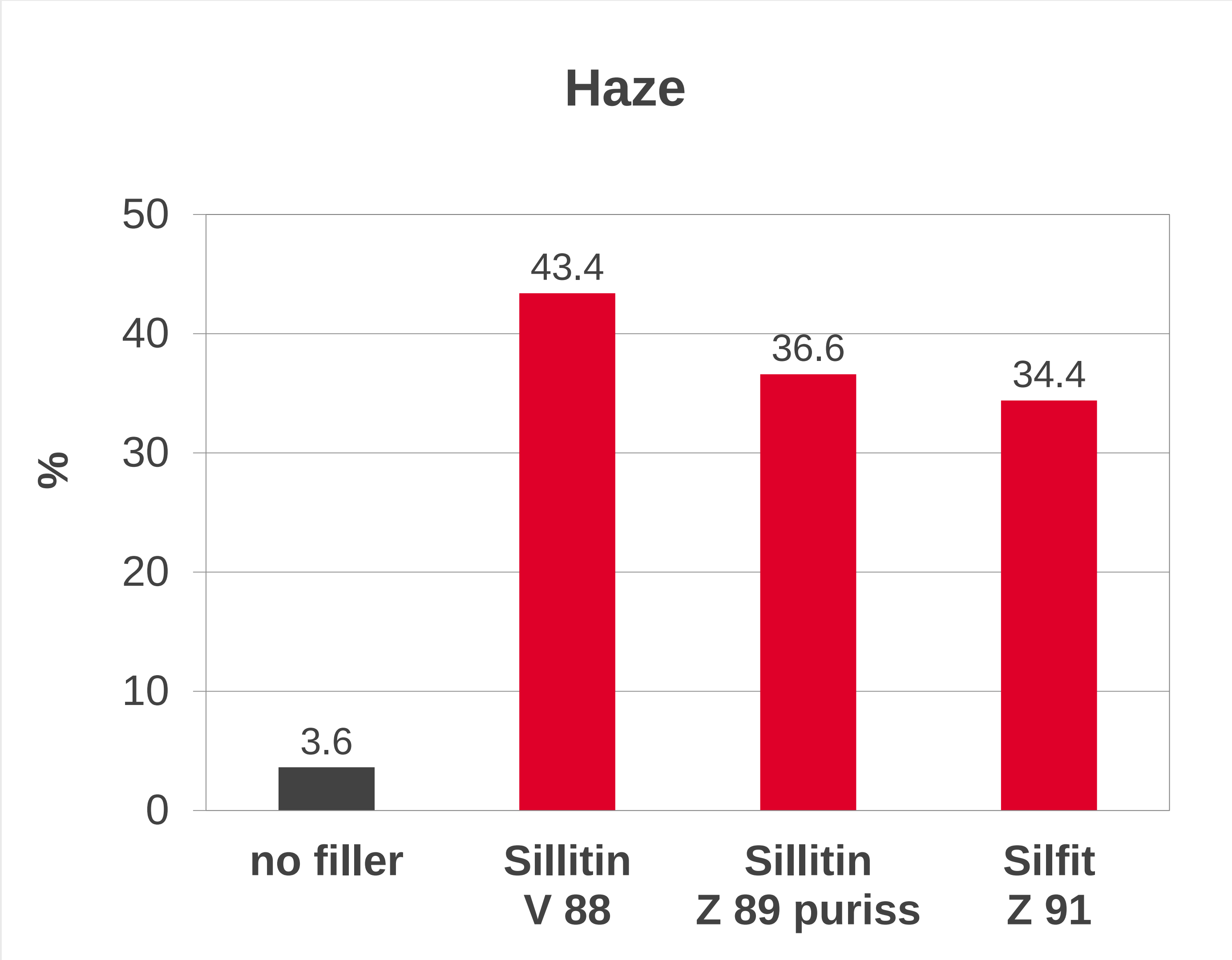
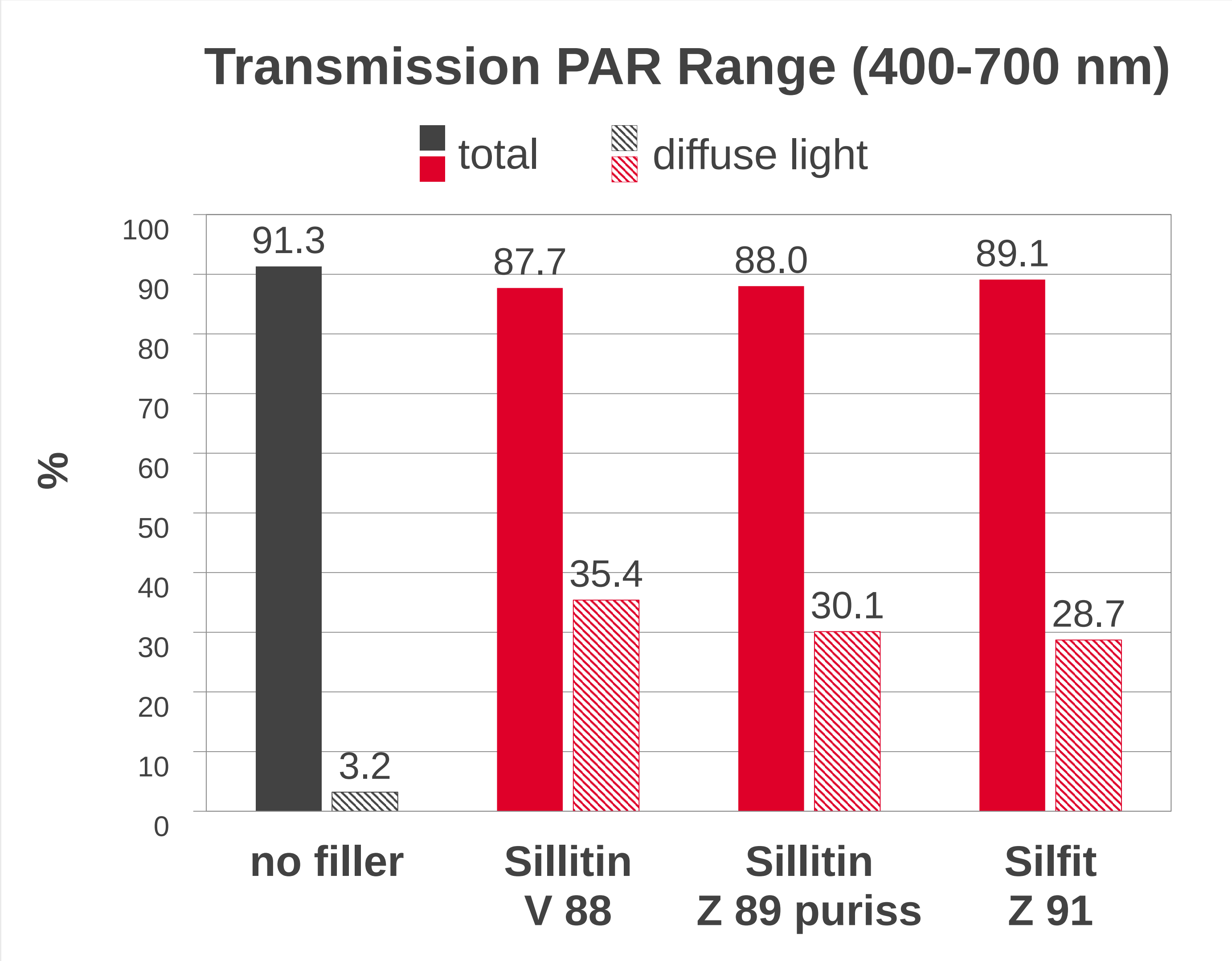


NEUBURG SILICEOUS EARTH IN PE/EVA GREENHOUSE FILMS AS AN IR ABSORBER

Blown mono film, 100 µm, 7.5 wt% filler content

RESULTS



SUMMARY

NEUBURG SILICEOUS EARTH is suitable as an IR absorber in greenhouse films and exhibits the following effects in PE/EVA films (compared to the pure film):

- ✓ Stronger light scattering with almost unchanged total transmission in the PAR range
- ✓ Significantly higher IR efficiency, thereby reducing the thermal loss versus pure film

Sillitin V 88 strongest light scattering highest IR barrier	Sillitin Z 89 puriss good light scattering good IR barrier low optical haze	Silfit Z 91 good light scattering good IR barrier higher color neutrality
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Other grades or adapted loading offer the potential for further optimization, e. g. additionally enhanced IR efficiency or extended life / improved weatherability of the film. Products on request available.